

AMBIENT AIR SURVEY  
IN THE  
'JUNCTION TRIANGLE'  
AREA - TORONTO  
July - August 1980

Addendum to  
ARB-TDA REPORT No. 59-80

Compilation of Time Averaged,  
Continuously Monitored Data

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Ontario

Ministry  
of the  
Environment

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**AIR RESOURCES BRANCH  
TECHNOLOGY DEVELOPMENT AND APPRAISAL SECTION  
MONITORING AND INSTRUMENTATION DEVELOPMENT UNIT**

**Addendum to  
ARB - TDA Report No. 59 - 80**

**Ambient Air Survey in the 'Junction Triangle'  
Area - Toronto  
July - August 1980**

**Compilation of Time Averaged, Continuously  
Monitored Data**



*Environment Ontario*  
Laboratory Library  
125 Resources Rd.  
Etobicoke, Ontario M9P 3V6  
Canada

Ontario Ministry of  
the Environment  
880 Bay Street  
Toronto, Ontario

November, 1980

ALNY

The ambient air concentrations of total hydrocarbons, non-methane hydrocarbons, methane, ozone and ground-based meteorological parameters as measured by the Mobile Air Monitoring Unit in the vicinity of Glidden Paints Company Limited, Anchor Cap and Closure Corporation of Canada Limited, National Starches-Nacan Products Limited and the Junction Triangle area as a whole during the summer of 1980 are presented in the following statistical print-outs.

All statistical values are based on averages of instantaneous recorded values obtained from the analytical instrumentation associated with this monitoring unit and all results are reported in parts per million. Refer to section 07 of initial survey report for a more complete description of sampling procedure and data acquisition systems. The statistical print-outs include both 60-minute and 30-minute averages.

All headings have the following format:

JUN. TRI. #X

where X refers to the monitoring period as assigned during the survey.

The monitoring periods are presented in chronological order; however, several will be omitted. Reasons for these omissions were as follows:

- i) insufficient data - 45 minutes and 75 minutes were deemed the minimal observational periods in order to establish "true" 30-minute and 60-minute average ground level concentrations of the gaseous contaminant of interest
- ii) instrument failure - mainly data acquisition and data handling - cassette tape damage
- iii) calibration statistics - several monitoring periods included only this type of data



- iv) gas chromatograph - meteorological data - several monitoring periods include only this type of data

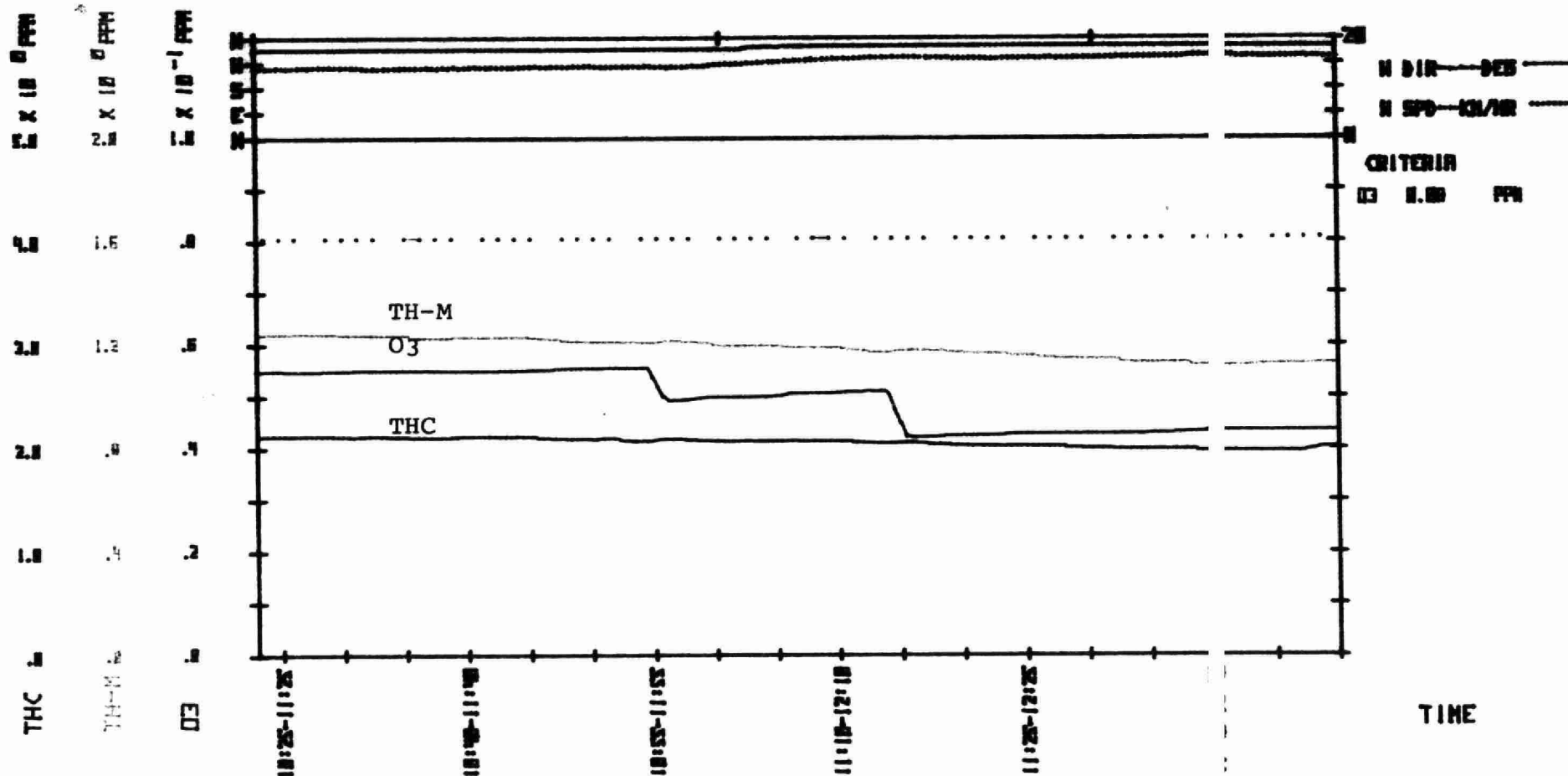
As a supplement to the statistical print-outs, several concentration/time graphs are included for the readers' convenience.

In addition, several upper air minisonde soundings are included for a more complete understanding of the meteorological conditions.

### CHALLENGE, DEFENSE & DIFFERENCE / JOURNAL

1. 關於「臺灣省」的行政區劃分，下列何者正確？

SEND	W/CHZ
TEMP	DES C
MAN	S DEL
PRGS	DATE



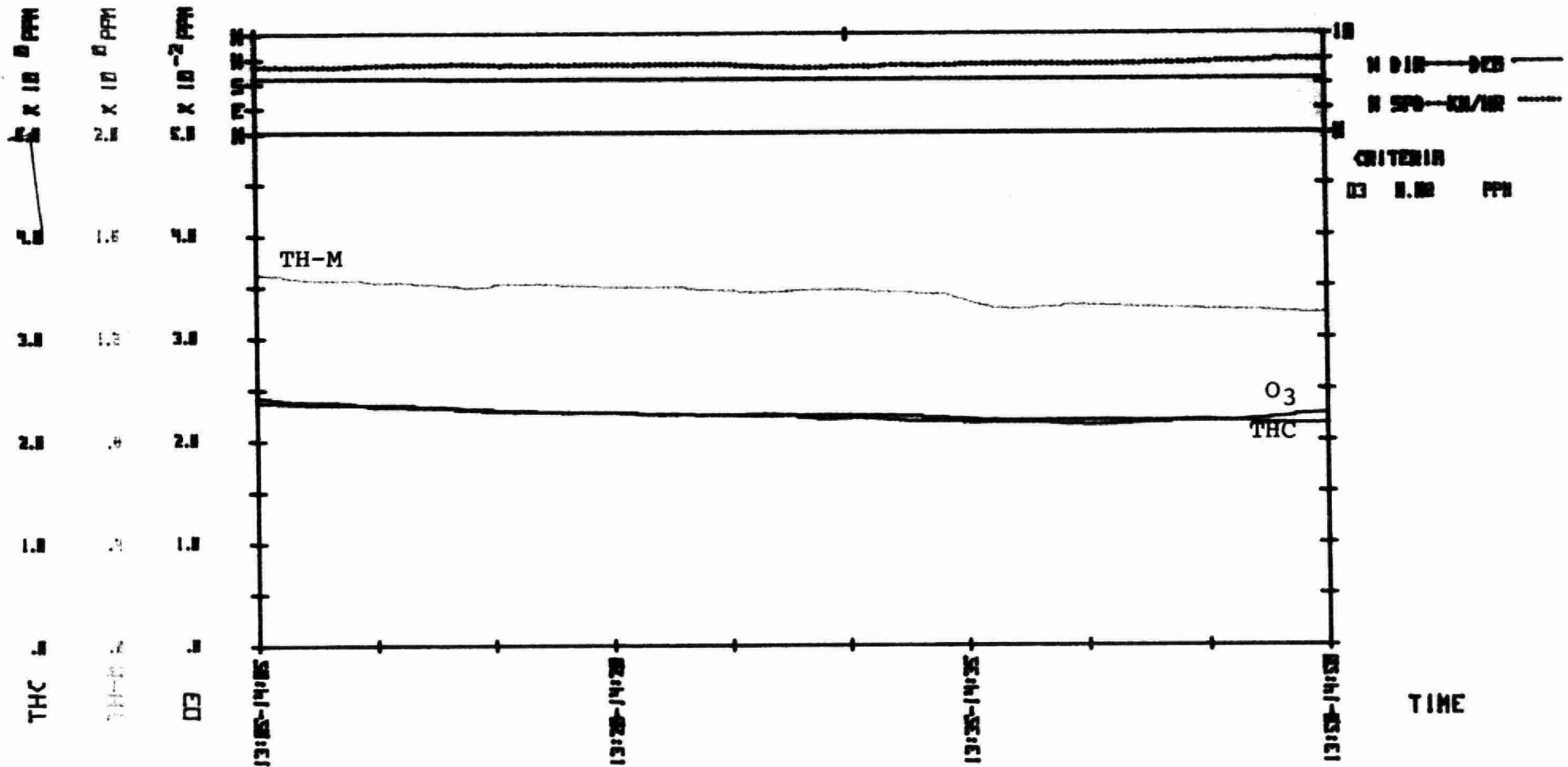
# JUN. TRI #3

13:00 JUL 10 1980 SEC 000 SEC 000 MIN 000  
 1000 ST & WALLACE AVE; 0.1000 & 0.0000 / 0.0000 C/P

0.071  
 1014

0.000  
 1014

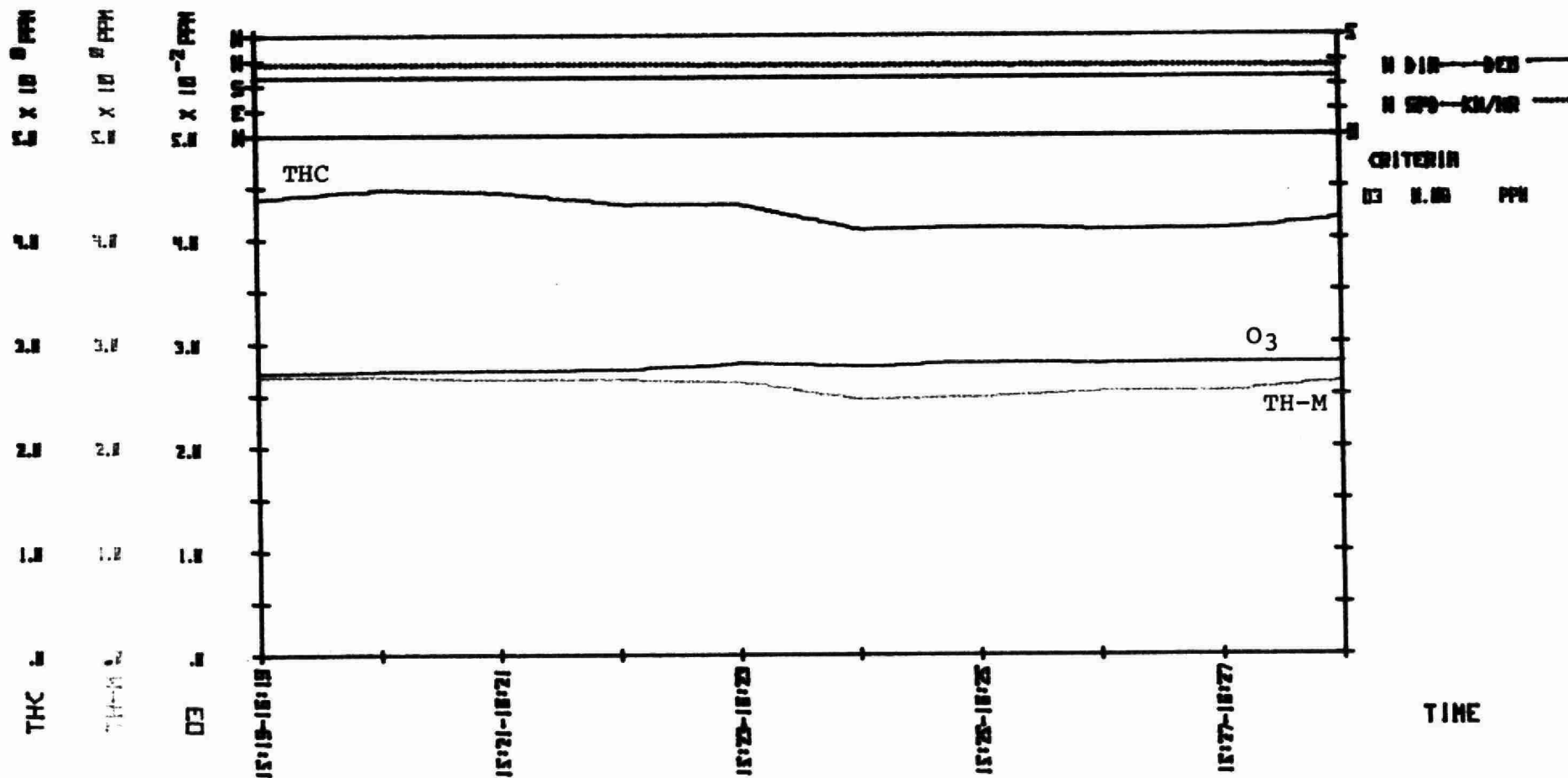
0.000 0.000  
 0.000 0.000  
 0.000 0.000  
 0.000 0.000



15:15 JAN 10 1980 SEC= 00 SEC OFF= 00 MIN  
SINCLAIR & PERKINS H.1000 & BUNNIES / GLIDDEN TRUCK FROM

11. 11. 14

SEND	W/CHZ
TEMP	PER C
MIN	S DEL
FILE	DATE



17:29 JAL 13000 SCH- IN SEC DVC- IN MIN  
 2000 WALLACE WE.) 0.8700 & 13000 / 0.87000 TRK FROM

**THE**

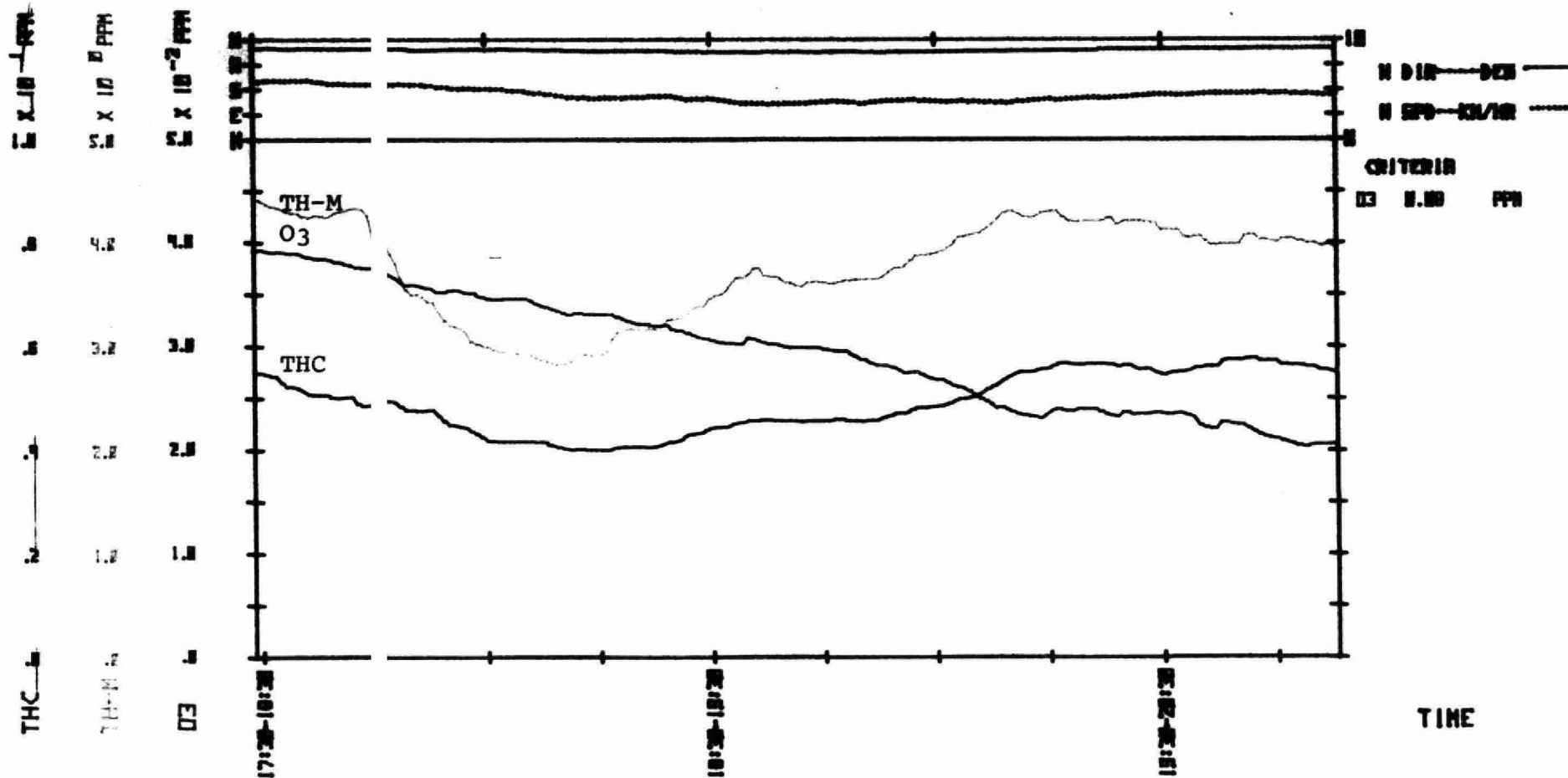
0.013  
35  
51  
1000

1. 國家

1. 2. 3. 4.

1. 關於「臺灣省」的行政區劃分，下列何者正確？

SND	W/OZ
TEMP	DES C
UNN	S DEL
PNLS	INDR



# JUN.TRI #9

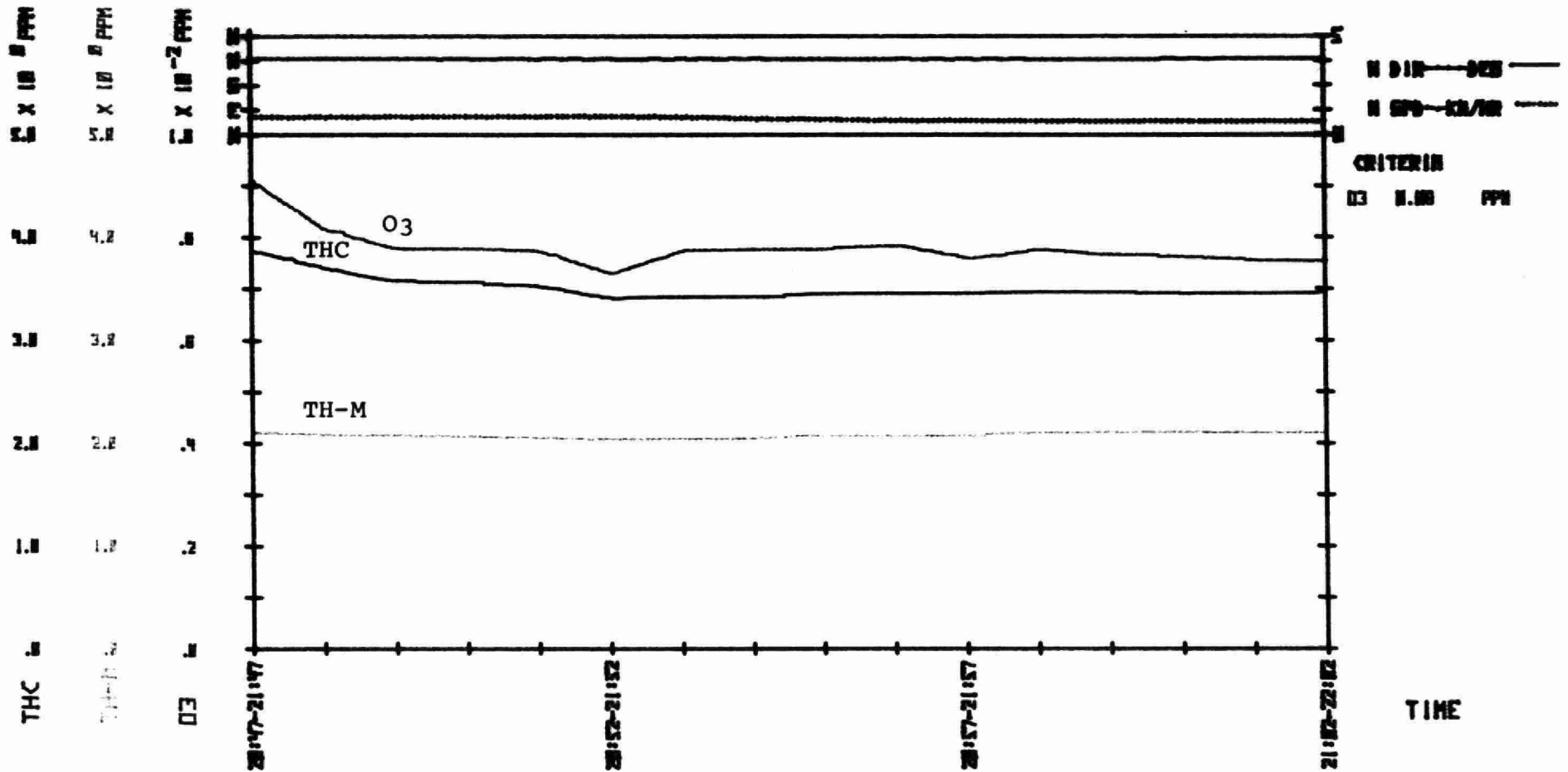
20:47 JUL 22 1988

SCN= 00 SEC

WD= 00 MIN

300 WALLACE AVE./ S. BURN & BIRDEN / BIRMINGHAM

WIND M/HR  
TEMP DEG C  
PRES INCHES  
HUMID %

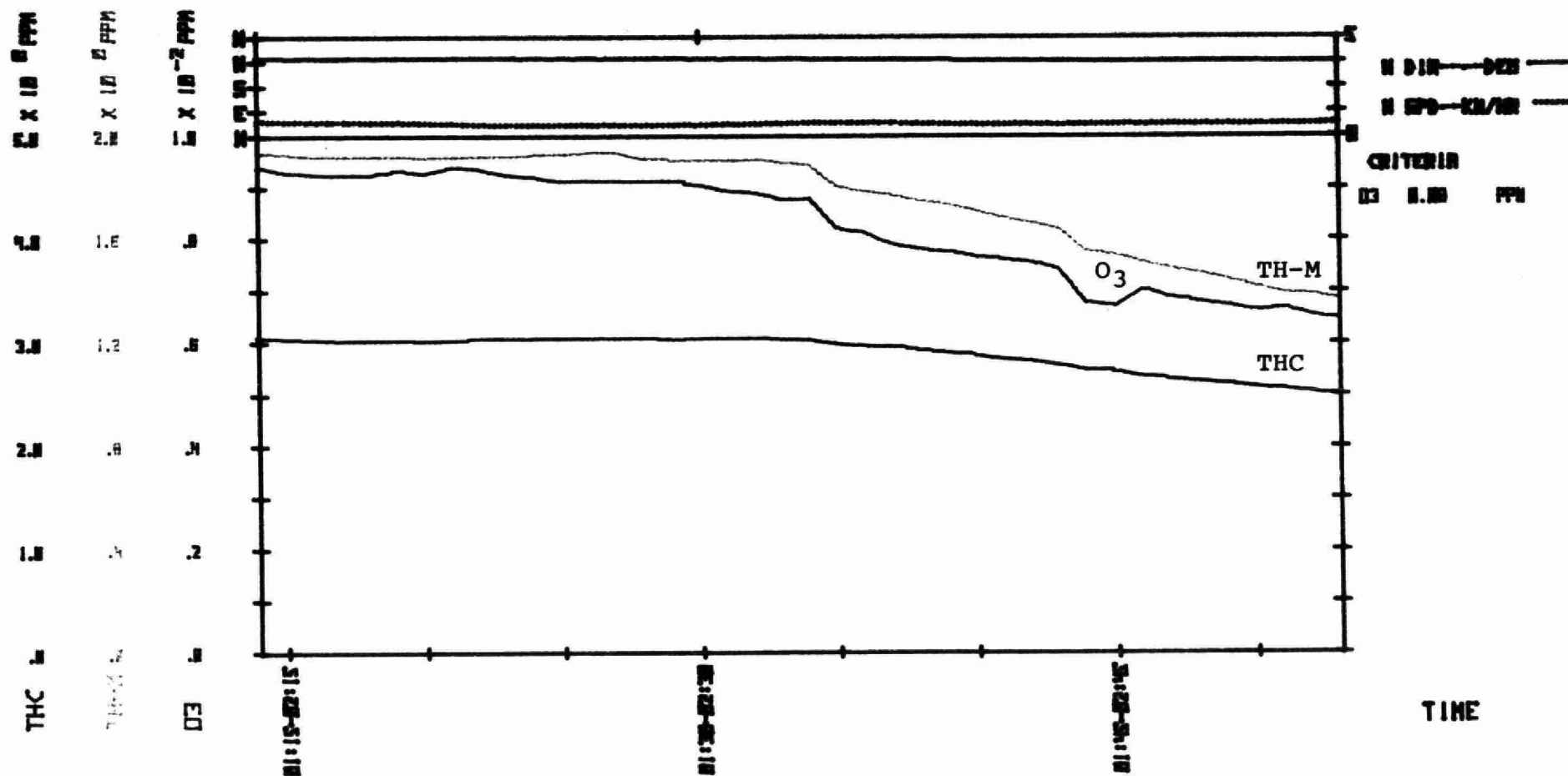


01:14 JUL 23 1988 SCHE-00 SEC RVD-00 NIN  
MAIN ENTRANCE TO 021002N ON WALLACE, E. BUCH & 1200N / 021002N

21  
1987

21  
1957

SEND	W/CRZ
TEMP	DESI C
NUM	S DEL
FILES	NUMBER



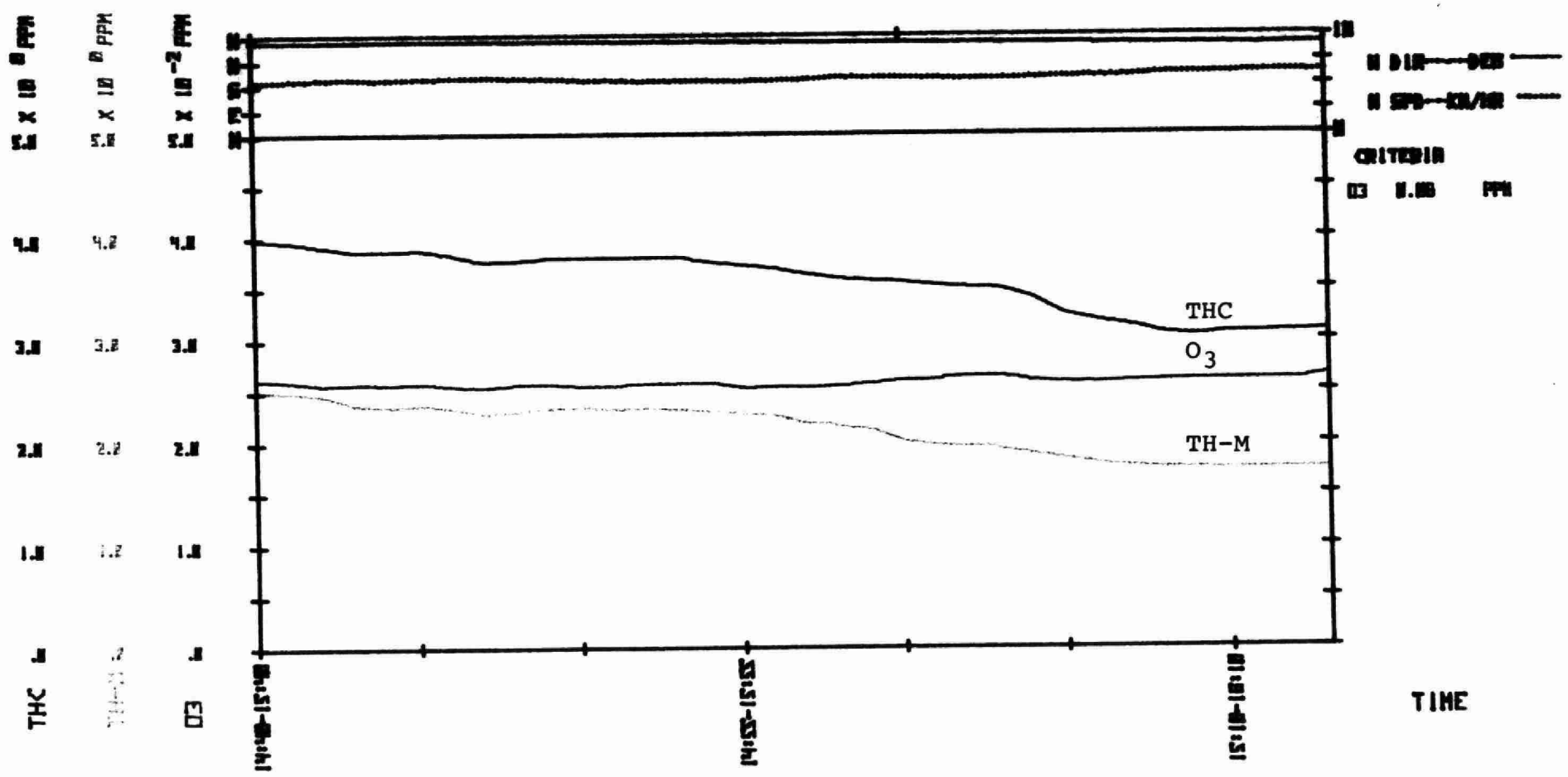
# JUN.TRI #13

14:00 JUL 23 1988 SCOP-00 SEC DVD-00 MIN  
 115 PPM 20.7 S.MICH 1 175000 / 1000000 CIP

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 31  
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WIND M/HR  
 TEMP DEG C  
 HUM S REL  
 PRES INCH



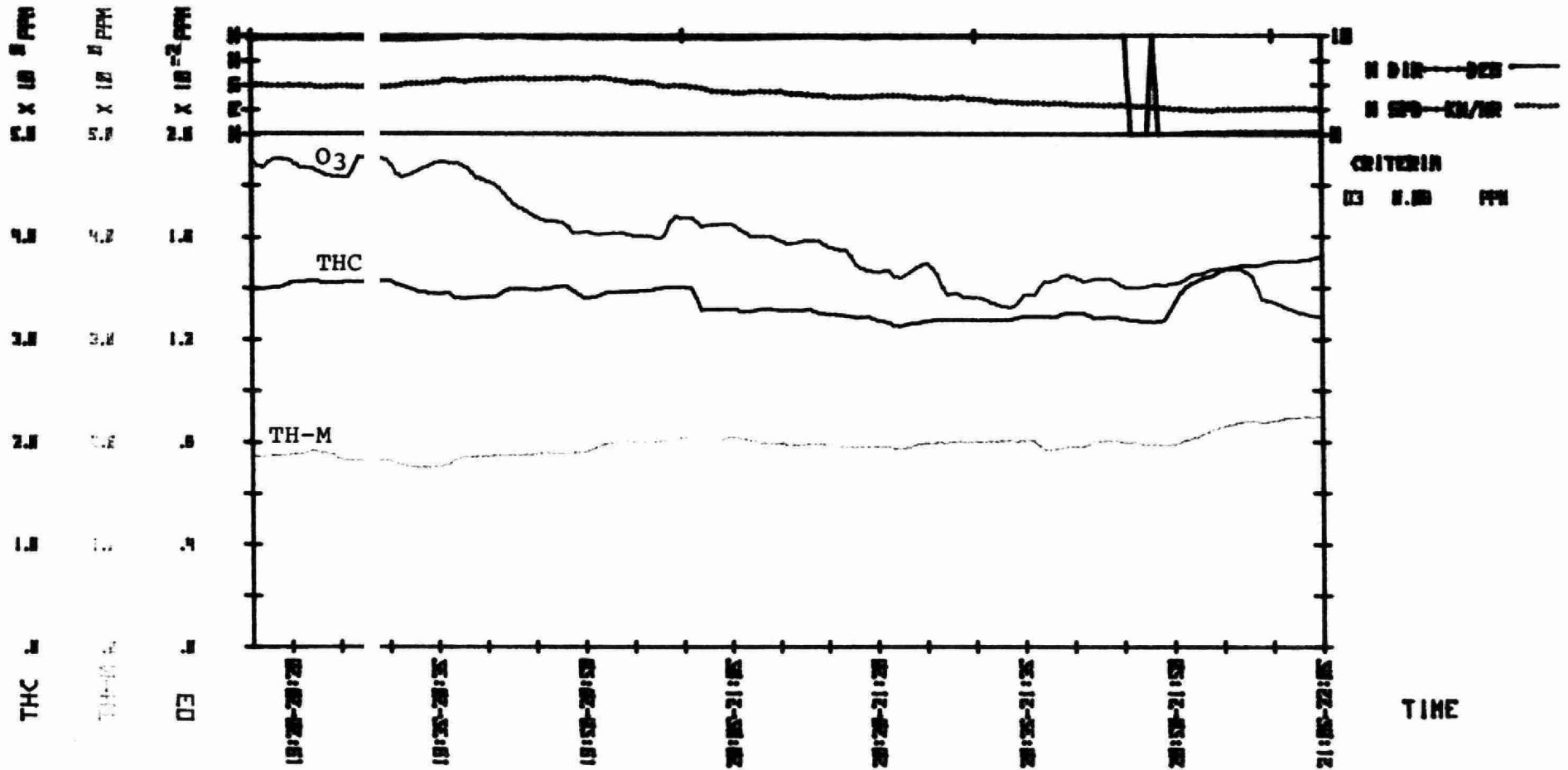
010



# JUN. TRI #15

10:10 AM 3 (1000) 5000- 00 SEC 000- 00 MIN  
 110 PPTM 1 1/2 1.1000 & 1.1000 / 0.0000 CIP

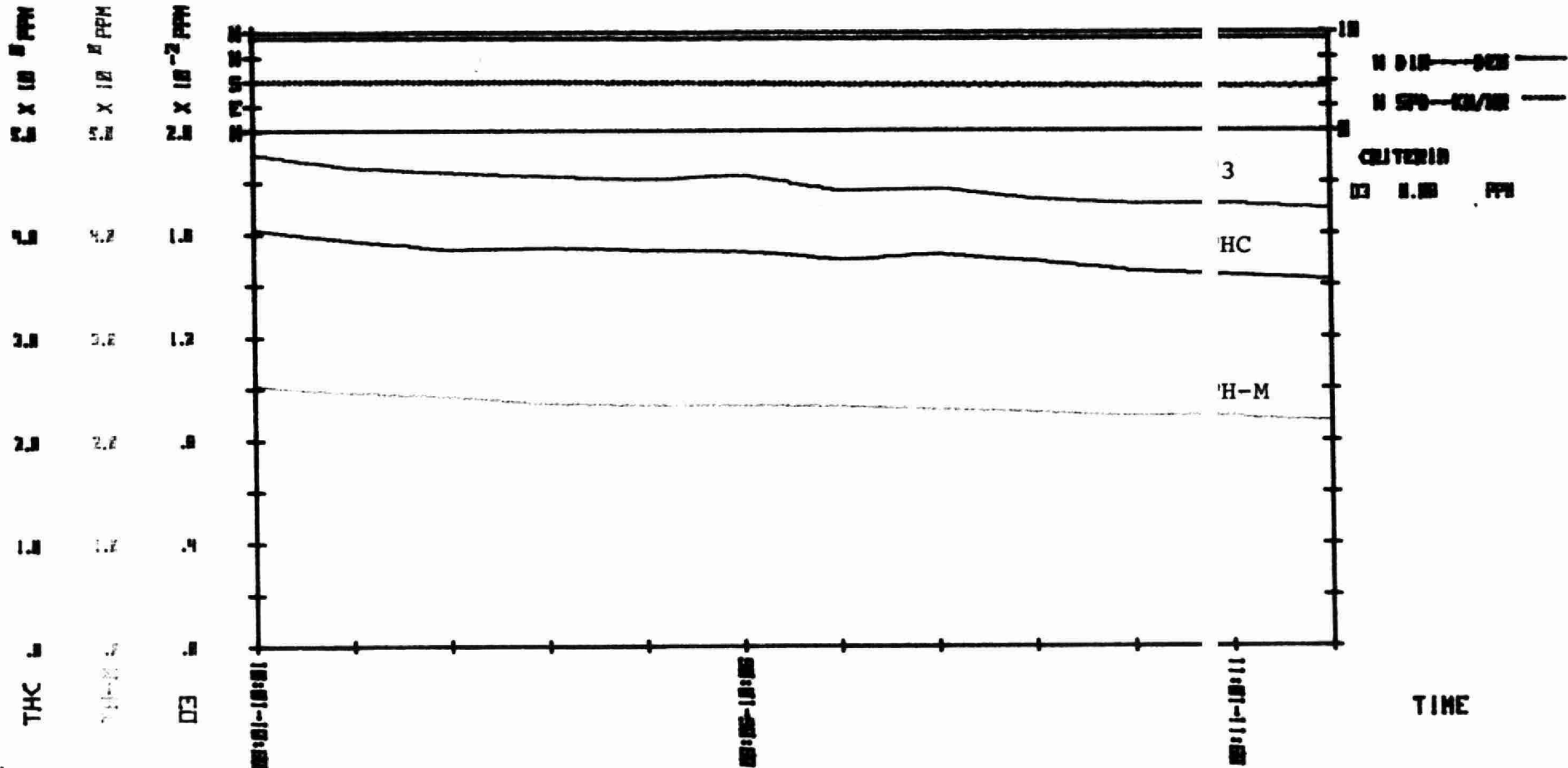
0.000	0.000	0.000	0.000	0.000	0.000
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# JUN.TRI #17

DATE: JUN. 24 1966  
 FROM: JST N OF 002 N. 1120 & 1200N / 000000 CIP

WIND 10/000  
 TEMP 025 C  
 HUM 5 REL  
 PRES 1000

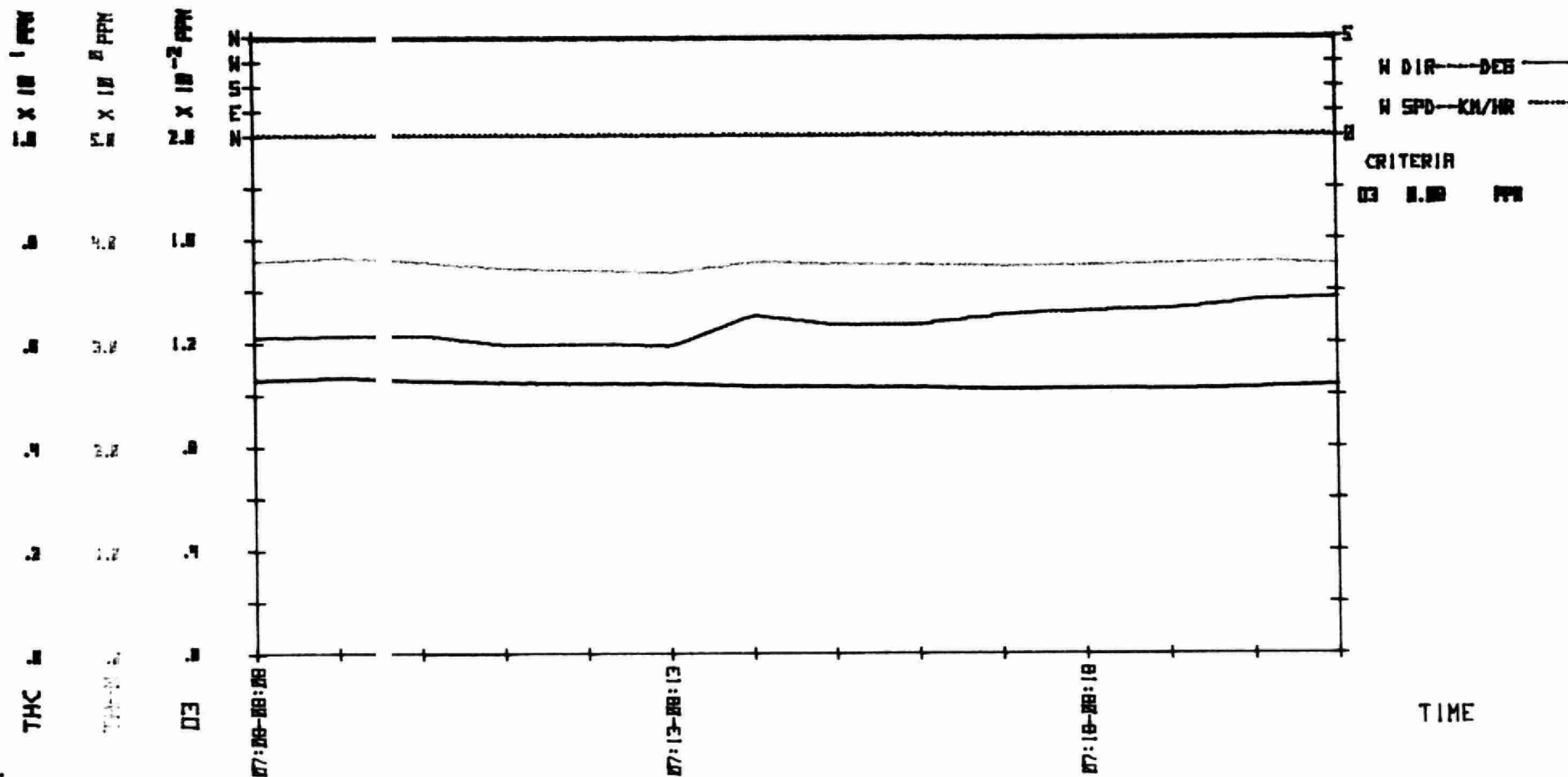


# JUN.TRI #20

07:00 JUL 2 1968 SCAN= 60 SEC RVE= 60 MIN  
21 RUSKIN RD. / N.15KM & 02000ES / ELIDEN

0.005  
21  
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1013

SRPD W/CN2  
TEMP DEG C  
WIND S WEL  
PRES MBAR



# JUN. TRI #24

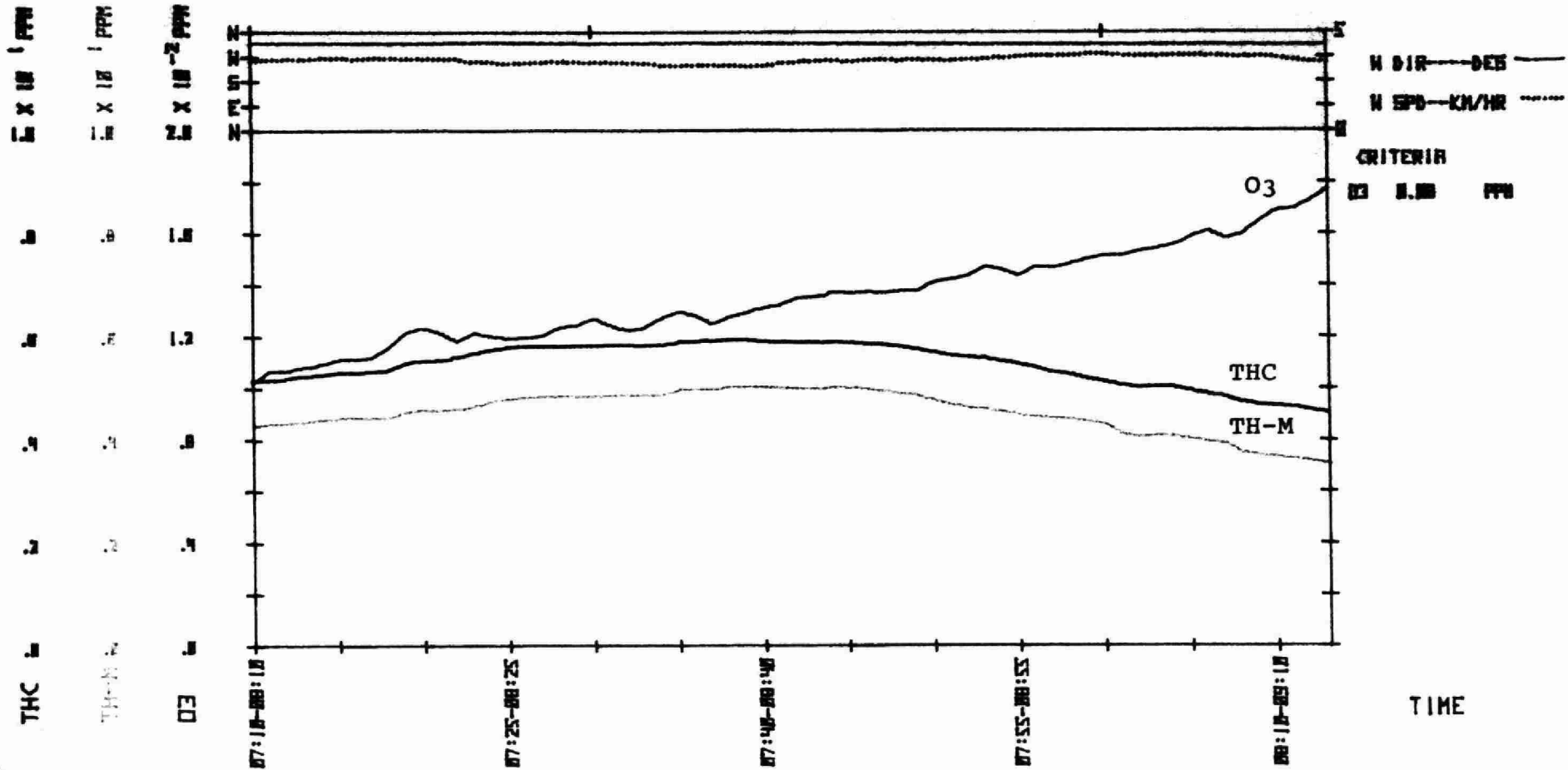
07:10 JUL 29 1988 SCRN- 00 DEC RVE- 00 MIN  
 FUTURE 1000 BY N END OF WALLACE; N. BUCH & 1700000 / 0010000

0.011  
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 10007

0.016  
 22  
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0.023  
 24  
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 10007

0000 W/O12  
 TEMP DEC C  
 HUM S REL  
 PRES MMHG



# JUN. TRI #27

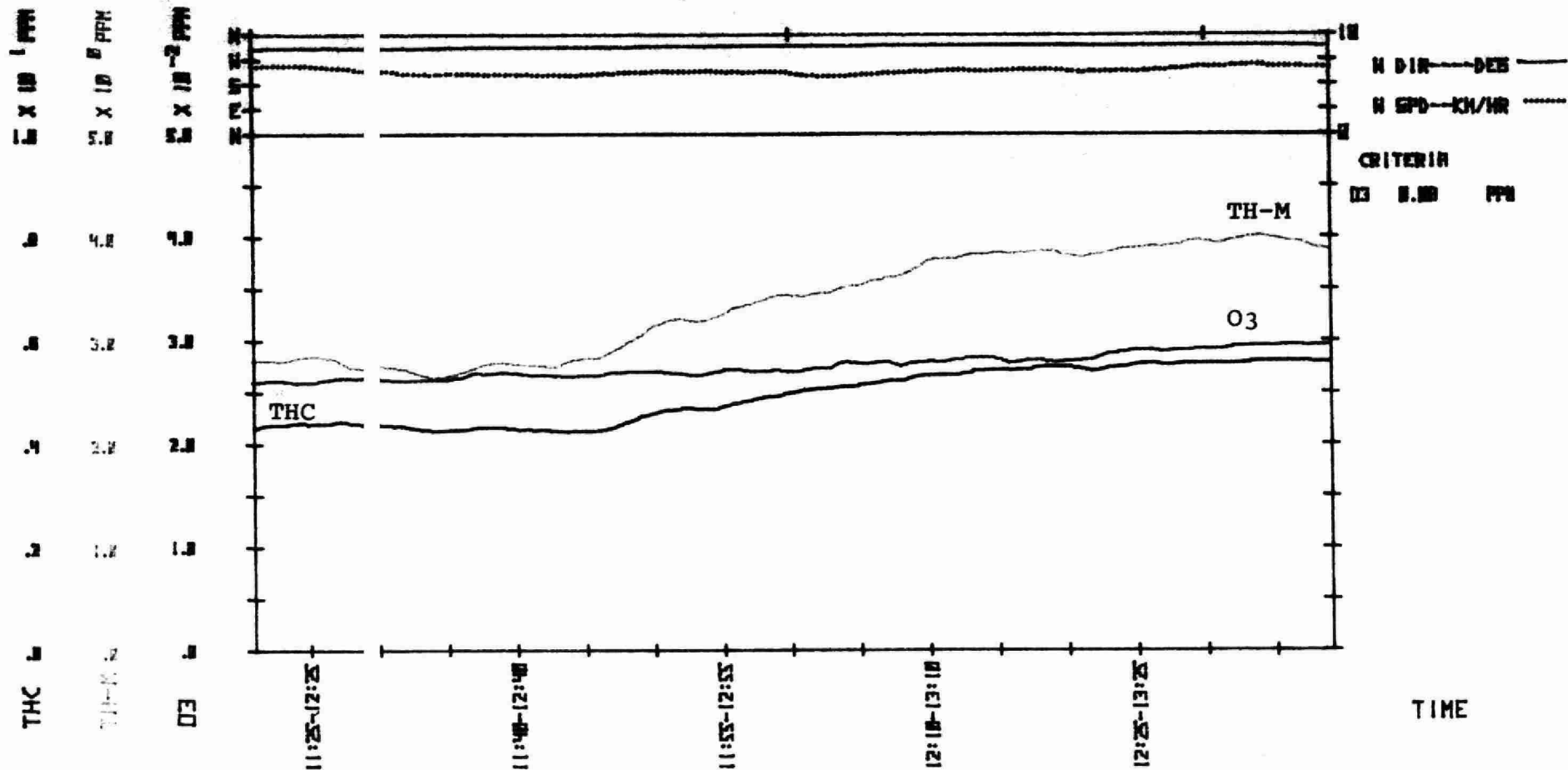
11:21 JUL 8 1988 SCHN= 00 SEC RVE= 00 MIN  
 300 MILLAGE RVE. J. 0.0000 1.120000 / 0.10000

N.057  
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N.057  
 31  
 40  
 1000

N.057  
 31  
 40  
 1000

SWND N/CHZ  
 TEMP DES C  
 MIN S DEL  
 PRES HOUR



JUN. TRI #28

17:43 JUL 28 1988

SCN- EN SEC

WVD- EN MIN

340 WALLACE AVE., N. 12TH & 115TH / BLISSDEN

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THC

TH-M

O<sub>3</sub>

TIME

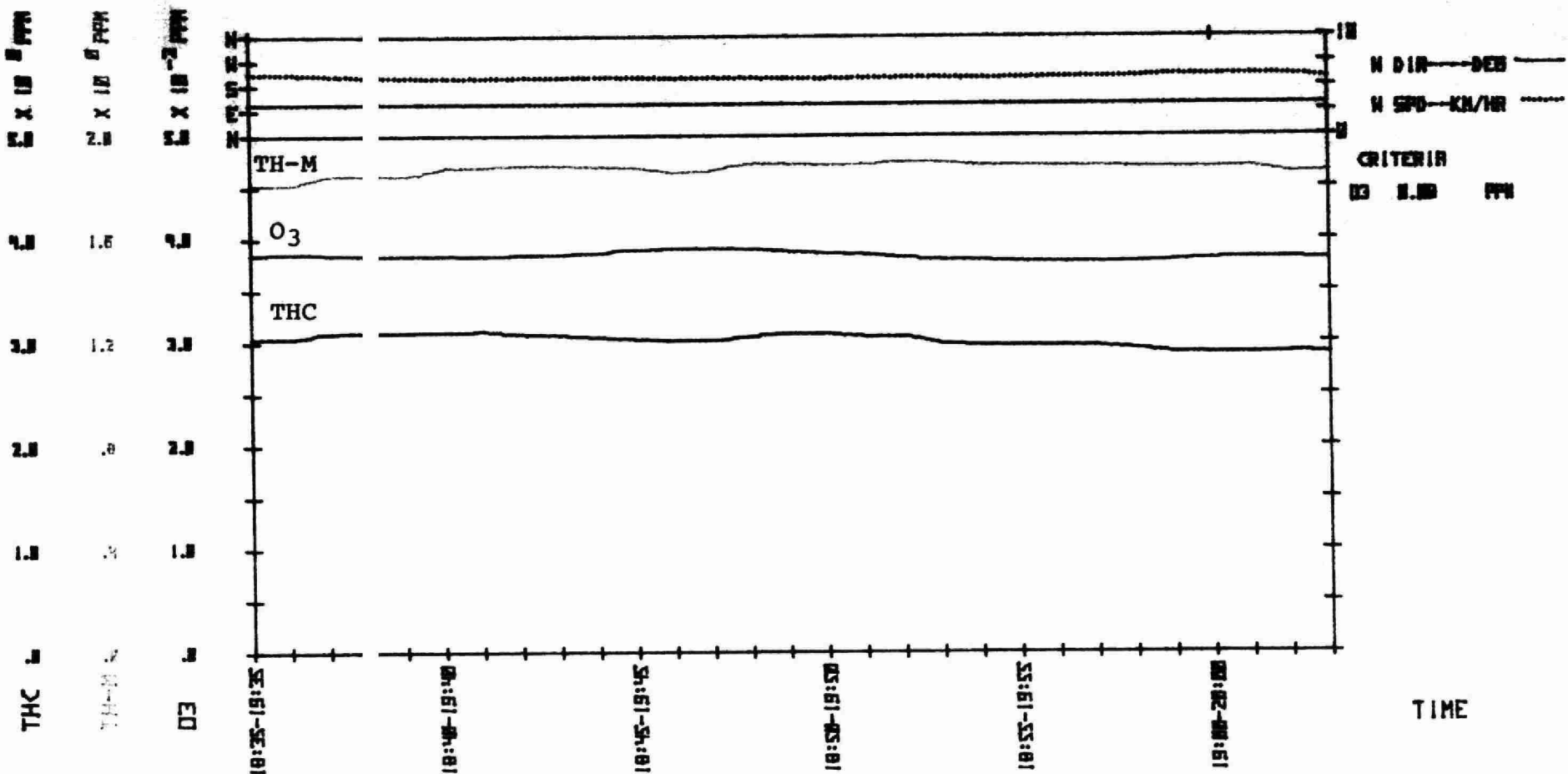
JUN. TRI #33

10:35 JUL 1 1980 SCIN-00 SEC RYE-00 MIN  
 (JAP. SYMMONY H. RVE.; H. ZICH & ZINDER / MICHAEL (FINCHER CRP))

0.007  
 0.007  
 0.007

0.005  
 0.005  
 0.005

0.005 1/002  
 0.005 0.005 C  
 0.005 0.005 DEL  
 0.005 0.005



TIME

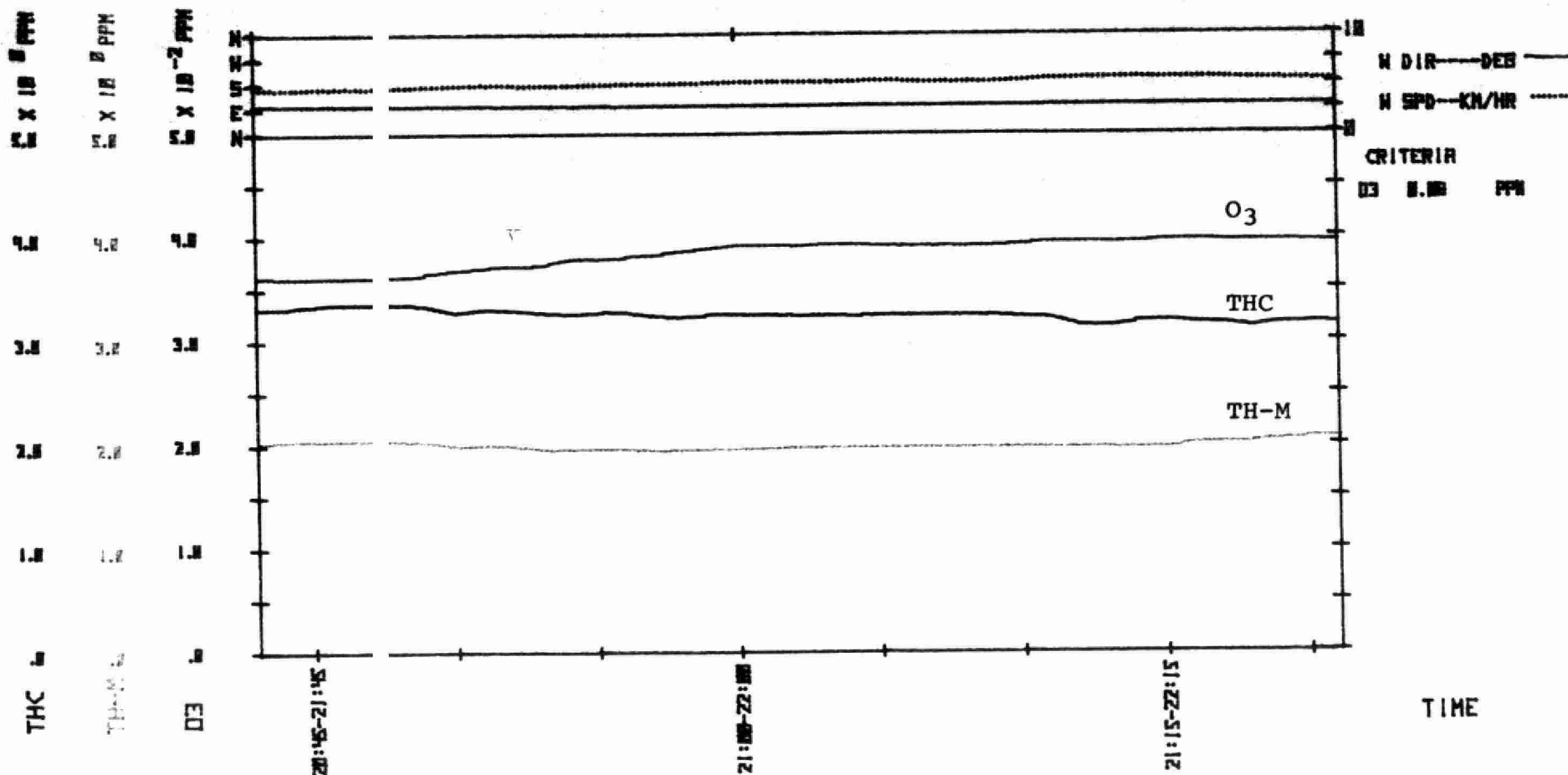
JUN. TRI #34

20:43 JUL 1988 SCIN- 68 SEC RVE- 68 MIN  
 201 CAMPBELL AVE., N. 58TH & 21ST STS / BUCKLE CYP

0.000  
 25  
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 1988

0.000  
 25  
 01  
 1988

SRPD N/CH2  
 TEMP DES C  
 HUM S REL  
 PRES MBAR





JUN.TRI #1

DATE: JUL 17 1980  
 SCAN TIME: 90 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: GALLERIA, DUPONT & DUFFERIN /GENERAL

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
10:23----10:53	2.2E+00 4.6E-02 14	1.3E+00 29 321	6.8E-01 69	4.0E-02 1003
10:29----10:59	2.1E+00 4.4E-02 14	1.2E+00 29 324	6.7E-01 67	5.1E-02 1002
10:35----11:05	2.1E+00 4.2E-02 13	1.2E+00 29 321	6.8E-01 68	5.1E-02 1002
10:41----11:11	2.1E+00 4.0E-02 14	1.2E+00 29 312	6.9E-01 70	5.1E-02 1002
10:47----11:17	2.1E+00 4.2E-02 14	1.2E+00 29 312	6.7E-01 70	6.9E-02 1002
10:53----11:23	2.1E+00 4.4E-02 14	1.2E+00 29 314	6.8E-01 70	6.9E-02 1002
10:59----11:29	2.1E+00 5.2E-02 15	1.2E+00 29 317	7.1E-01 69	5.7E-02 1003
11:05----11:35	2.1E+00 5.5E-02 15	1.2E+00 30 321	7.1E-01 66	5.8E-02 1003
11:11----11:41	2.1E+00 5.8E-02 15	1.2E+00 31 330	7.2E-01 62	5.8E-02 1003
11:17----11:47	2.1E+00 5.7E-02 15	1.2E+00 31 332	7.5E-01 60	4.0E-02 1003
11:23----11:53	2.1E+00 5.7E-02 15	1.2E+00 31 334	7.6E-01 59	4.1E-02 1003
11:29----11:59	2.0E+00 5.7E-02 15	1.2E+00 32 335	7.7E-01 58	4.1E-02 1003

JUN.TRI #1, CONT'D

PAGE 2

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
11:35----12:05	2.0E+00 6.3E-02 16	1.1E+00 32 336	7.8E-01 57	4.2E-02 1003
11:41----12:11	2.0E+00 6.6E-02 17	1.1E+00 32 337	7.8E-01 57	4.3E-02 1004
11:47----12:17	2.0E+00 7.1E-02 18	1.1E+00 32 338	7.8E-01 55	4.3E-02 1004
11:53----12:23	2.0E+00 7.0E-02 17	1.1E+00 32 334	7.7E-01 54	4.3E-02 1004
11:59----12:29	2.0E+00 6.4E-02 17	1.1E+00 32 333	7.7E-01 54	4.3E-02 1004
12:05----12:35	1.9E+00 6.3E-02 16	1.1E+00 32 326	7.6E-01 55	4.4E-02 1004
12:11----12:41	1.9E+00 6.5E-02 16	1.1E+00 32 321	7.6E-01 56	4.4E-02 1004
12:17----12:47	1.9E+00 6.6E-02 15	1.1E+00 32 322	7.6E-01 55	4.3E-02 1004

STATISTICS

NUMBER OF READINGS 98

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	1.31E+00	3.82E+00	2.06E+00	2.99E-01	2.04E+00	1.14E+00
THC-CH4	7.20E-01	1.55E+00	1.18E+00	1.47E-01	1.17E+00	1.14E+00
CH4	3.44E-01	8.20E-01	7.30E-01	6.55E-02	7.26E-01	1.12E+00
OZONE	3.07E-02	4.06E-01	4.74E-02	4.45E-02	4.23E-02	1.37E+00
SOLAR RAD	1.00E-06	8.82E-02	5.58E-02	2.12E-02	4.67E-02	3.23E+00
TEMP	28	33	31	2		
HUMIDITY	45	77	62	8	61	1
BAROMETER	982	1004	1003	2	1003	1
WIND SPEED	7	28	15	4	15	1

MAXIMUM  
AVERAGE

THC	2.15E+00
THC-CH4	1.25E+00
CH4	7.79E-01
OZONE	6.94E-02
SOLAR RAD	7.14E-02
TEMP	32
HUMIDITY	70
BAROMETER	1004
WIND SPEED	18
WIND DIRECTION	338

## JUN.TRI #2

DATE: JUL 17 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: 75M W OF RR ON PATON RD.; 0.09KM & 175DEG / ANCHOR CAP

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
18:05----18:35	3.6E+00 2.3E-02 9	2.3E+00 29 359	8.9E-01 66	3.6E-02 1006
18:11----18:41	4.4E+00 2.2E-02 10	2.7E+00 29 10	8.9E-01 68	3.7E-02 1006
18:17----18:47	4.8E+00 2.1E-02 9	3.0E+00 29 7	8.9E-01 68	3.5E-02 1006
18:23----18:53	4.8E+00 2.0E-02 9	3.0E+00 28 10	8.9E-01 68	3.5E-02 1006
18:29----18:59	5.1E+00 2.0E-02 8	3.3E+00 28 15	9.3E-01 68	3.5E-02 1006
18:35----19:05	5.4E+00 1.9E-02 8	3.4E+00 29 17	9.5E-01 67	3.6E-02 1006
18:41----19:11	4.8E+00 1.7E-02 7	3.2E+00 29 7	9.6E-01 66	3.4E-02 1006
18:47----19:17	4.4E+00 1.6E-02 8	3.0E+00 29 6	9.4E-01 67	3.6E-02 1006
18:53----19:23	4.8E+00 1.6E-02 9	3.3E+00 28 12	9.4E-01 67	3.6E-02 1006
18:59----19:29	4.9E+00 1.4E-02 10	3.3E+00 28 15	9.2E-01 67	3.5E-02 1006
19:05----19:35	5.3E+00 1.3E-02 10	3.5E+00 28 18	9.4E-01 68	3.3E-02 1006
19:11----19:41	5.1E+00 1.2E-02 10	3.4E+00 28 24	9.4E-01 68	3.2E-02 1007

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
19:17-----19:47	4.7E+00 1.1E-02 10	3.1E+00 27 28	9.6E-01 69	3.1E-02 1007
19:23-----19:53	4.1E+00 9.2E-03 9	2.6E+00 27 32	9.9E-01 69	2.8E-02 1007
19:29-----19:59	3.6E+00 7.8E-03 8	2.2E+00 27 32	1.0E+00 70	2.6E-02 1007
19:35-----20:05	3.1E+00 6.1E-03 7	1.8E+00 27 30	1.0E+00 71	2.6E-02 1007
19:41-----20:11	3.1E+00 4.8E-03 6	1.9E+00 26 29	1.0E+00 72	2.5E-02 1007
19:47-----20:17	3.5E+00 3.6E-03 6	2.1E+00 26 22	1.0E+00 73	2.6E-02 1007
19:53-----20:23	3.8E+00 3.1E-03 6	2.3E+00 26 15	1.0E+00 74	2.8E-02 1007
19:59-----20:29	3.9E+00 2.7E-03 6	2.5E+00 26 12	9.9E-01 74	2.9E-02 1007
20:05-----20:35	3.9E+00 2.3E-03 6	2.5E+00 26 7	9.5E-01 75	2.8E-02 1007
20:11-----20:41	3.9E+00 1.9E-03 6	2.4E+00 25 5	9.4E-01 76	2.8E-02 1007
20:17-----20:47	4.1E+00 1.5E-03 7	2.7E+00 25 4	9.5E-01 78	2.8E-02 1007
20:23-----20:53	4.6E+00 1.2E-03 7	2.9E+00 25 3	9.6E-01 79	2.8E-02 1007

JUN.TRI #2 CONT'D

# STATISTICS

NUMBER OF READINGS 173

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	1.95E+00	1.38E+01	4.39E+00	1.96E+00	4.05E+00	1.48E+00
THC-CH4	1.19E+00	7.07E+00	2.82E+00	1.31E+00	2.56E+00	1.54E+00
CH4	7.88E-01	1.64E+00	9.55E-01	1.16E-01	9.49E-01	1.12E+00
OZONE	2.47E-03	9.25E-02	3.15E-02	1.15E-02	2.94E-02	1.49E+00
SOLAR RAD	2.87E-04	3.48E-02	1.12E-02	9.89E-03	6.32E-03	3.49E+00
TEMP	24	30	27	2		
HUMIDITY	62	83	71	5	71	1
BAROMETER	1006	1007	1007	0	1007	1
WIND SPEED	2	24	9	4	8	2

## MAXIMUM AVERAGE

THC	5.40E+00
THC-CH4	3.55E+00
CH4	1.03E+00
OZONE	3.74E-02
SOLAR RAD	2.30E-02
TEMP	29
HUMIDITY	79
BAROMETER	1007
WIND SPEED	10
WIND DIRECTION	359

JUN.TRI #3

DATE: JUL 18 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: WARD ST & WALLACE AVE; 0.19KM & 040DEG /ANCHOR CAP

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
13:05----13:35	2.4E+00 7.8E-02 7	1.5E+00 31 200	7.5E-01 49	2.7E-02 1014
13:11----13:41	2.4E+00 7.8E-02 7	1.5E+00 31 198	7.6E-01 48	2.5E-02 1014
13:17----13:47	2.3E+00 7.8E-02 7	1.4E+00 31 196	7.6E-01 48	2.3E-02 1014
13:23----13:53	2.3E+00 7.7E-02 7	1.4E+00 30 197	7.7E-01 49	2.2E-02 1014
13:29----13:59	2.3E+00 7.5E-02 7	1.4E+00 30 198	7.7E-01 49	2.1E-02 1014
13:35----14:05	2.3E+00 6.5E-02 6	1.4E+00 30 199	7.8E-01 49	2.1E-02 1014
13:41----14:11	2.3E+00 6.2E-02 7	1.3E+00 30 195	7.6E-01 49	2.1E-02 1014
13:47----14:17	2.3E+00 6.1E-02 7	1.4E+00 30 197	7.7E-01 49	2.2E-02 1014
13:53----14:23	2.2E+00 6.1E-02 7	1.3E+00 30 192	7.7E-01 49	2.3E-02 1013
13:59----14:29	2.2E+00 6.1E-02 6	1.4E+00 30 190	7.7E-01 49	2.3E-02 1013
14:05----14:35	2.1E+00 7.1E-02 7	1.3E+00 30 190	7.7E-01 49	2.2E-02 1013
14:11----14:41	2.1E+00 7.2E-02 7	1.3E+00 30 189	7.8E-01 49	2.2E-02 1013

JUN.TRI #3, CONT'D

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
14:17----14:47	2.1E+00 7.1E-02 8	1.2E+00 30 191	7.8E-01 49	2.2E-02 1013

STATISTICS

NUMBER OF READINGS 105

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	1.66E+00	4.03E+00	2.22E+00	4.52E-01	2.18E+00	1.20E+00
THC-CH4	8.55E-01	2.96E+00	1.35E+00	4.04E-01	1.30E+00	1.30E+00
CH4	7.18E-01	9.47E-01	7.70E-01	4.01E-02	7.69E-01	1.05E+00
OZONE	1.15E-02	4.06E-02	2.33E-02	5.70E-03	2.26E-02	1.29E+00
SOLAR RAD	9.00E-03	8.06E-02	6.95E-02	1.57E-02	6.56E-02	1.53E+00
TEMP	30	31	30	0		
HUMIDITY	45	51	49	1	49	1
BAROMETER	1013	1014	1013	0	1013	1
WIND SPEED	1	14	7	3	7	2

MAXIMUM  
AVERAGE

THC	2.40E+00
THC-CH4	1.50E+00
CH4	7.82E-01
OZONE	2.69E-02
SOLAR RAD	7.84E-02
TEMP	31
HUMIDITY	49
BAROMETER	1014
WIND SPEED	8
WIND DIRECTION	200



JUN.TRI #4

DATE: JUL 18 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: MACAULAY & PERTH; 0.16KM & 060DEG / GLIDDEN TANK FARM

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
15:19----15:49	5.0E+00 6.9E-02 3	3.0E+00 33 202	1.0E+00 41	2.5E-02 1014
15:25----15:55	4.3E+00 6.8E-02 3	2.7E+00 33 204	9.9E-01 39	2.7E-02 1014
15:31----16:01	4.0E+00 6.7E-02 4	2.6E+00 34 207	9.9E-01 38	2.8E-02 1014
15:37----16:07	3.2E+00 6.5E-02 5	2.1E+00 34 219	9.4E-01 37	2.9E-02 1014
15:43----16:13	3.1E+00 6.4E-02 5	1.9E+00 34 225	9.4E-01 37	2.7E-02 1014
15:49----16:19	3.7E+00 6.4E-02 4	2.3E+00 34 221	1.0E+00 37	2.9E-02 1014
15:55----16:25	3.9E+00 6.2E-02 4	2.3E+00 34 220	9.9E-01 38	3.0E-02 1014

STATISTICS

NUMBER OF READINGS 69

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	1.86E+00	1.88E+01	4.36E+00	3.19E+00	3.63E+00	1.77E+00
THC-CH4	1.01E+00	1.10E+01	2.71E+00	2.17E+00	2.16E+00	1.89E+00
CH4	7.74E-01	1.90E+00	1.02E+00	2.70E-01	9.87E-01	1.26E+00
OZONE	9.50E-06	9.28E-02	2.74E-02	1.56E-02	2.12E-02	3.09E+00
SOLAR RAD	5.56E-02	7.24E-02	6.53E-02	3.65E-03	6.52E-02	1.06E+00
TEMP	31	35	34	1		
HUMIDITY	34	56	39	4	39	1
BAROMETER	1013	1014	1014	0	1014	1
WIND SPEED	0	11	4	3	3	2

MAXIMUM  
AVERAGE

THC	5.03E+00
THC-CH4	3.00E+00
CH4	1.02E+00
OZONE	2.99E-02
SOLAR RAD	6.86E-02
TEMP	34
HUMIDITY	41
BAROMETER	1014
WIND SPEED	5
WIND DIRECTION	225

JUN.TRI #5

DATE: JUL 21 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: 30 MACAULAY ST.; 0.06KM & 030DEG / GLIDDEN TANK FARM

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
12:25----12:55	3.7E+00 4.6E-02 2	2.3E+00 32 24	7.2E-01 68	6.0E-02 1011
12:31----13:01	3.8E+00 4.8E-02 2	2.4E+00 32 25	7.3E-01 68	6.2E-02 1011
12:37----13:07	4.1E+00 4.9E-02 1	2.7E+00 32 27	7.2E-01 68	6.2E-02 1011
12:43----13:13	4.6E+00 5.0E-02 1	2.9E+00 33 30	7.3E-01 67	6.4E-02 1011
12:49----13:19	5.0E+00 4.9E-02 1	3.4E+00 33 34	7.4E-01 66	6.3E-02 1011
12:55----13:25	5.0E+00 4.8E-02 1	3.6E+00 33 31	7.6E-01 65	6.2E-02 1011
13:01----13:31	5.0E+00 4.5E-02 1	3.8E+00 33 30	7.7E-01 64	6.1E-02 1011
13:07----13:37	5.2E+00 4.5E-02 1	3.8E+00 34 30	8.2E-01 64	6.3E-02 1010
13:13----13:43	5.5E+00 4.9E-02 1	4.1E+00 34 28	8.2E-01 63	6.1E-02 1010
13:19----13:49	5.5E+00 5.1E-02 1	3.7E+00 34 31	8.1E-01 63	6.1E-02 1010
13:25----13:55	5.7E+00 5.3E-02 1	3.9E+00 34 31	8.2E-01 62	6.0E-02 1010
13:31----14:01	5.9E+00 5.6E-02 1	4.5E+00 34 28	8.7E-01 62	6.1E-02 1010

JUN.TRI #5, CONT'D

PAGE 2

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
13:37----14:07	5.5E+00 5.3E-02 1	4.7E+00 34 24	8.6E-01 61	5.9E-02 1010
13:43----14:13	5.2E+00 4.8E-02 1	4.4E+00 34 18	8.6E-01 61	5.9E-02 1010
13:49----14:19	5.0E+00 4.5E-02 1	4.6E+00 34 25	8.6E-01 61	5.9E-02 1010
13:55----14:25	4.9E+00 3.6E-02 1	5.0E+00 33 26	9.0E-01 61	5.8E-02 1010
14:01----14:31	4.4E+00 3.4E-02 1	4.2E+00 33 24	8.3E-01 62	5.7E-02 1010
14:07----14:37	4.9E+00 2.9E-02 1	4.0E+00 32 34	8.2E-01 64	5.6E-02 1010
14:13----14:43	4.9E+00 2.4E-02 1	4.2E+00 32 43	8.6E-01 64	5.4E-02 1010
14:19----14:49	4.8E+00 1.7E-02 1	4.0E+00 32 37	8.6E-01 65	5.3E-02 1010
14:25----14:55	4.8E+00 1.6E-02 1	3.3E+00 32 48	8.1E-01 66	5.4E-02 1010
14:31----15:01	4.9E+00 9.5E-03 1	3.2E+00 32 54	8.1E-01 66	5.4E-02 1010
14:37----15:07	4.7E+00 1.8E-02 1	3.1E+00 32 54	8.5E-01 66	5.4E-02 1010

## STATISTICS

NUMBER OF READINGS 167

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	2.06E+00	2.03E+01	5.00E+00	2.83E+00	4.45E+00	1.59E+00
THC-CH4	1.28E+00	2.27E+01	3.71E+00	2.98E+00	3.06E+00	1.77E+00
CH4	6.66E-01	2.42E+00	8.23E-01	2.42E-01	8.00E-01	1.25E+00
OZONE	1.00E-06	1.12E-01	5.77E-02	1.20E-02	5.34E-02	2.38E+00
SOLAR RAD	3.52E-03	6.87E-02	3.98E-02	1.99E-02	3.15E-02	2.25E+00
TEMP	31	35	33	1		
HUMIDITY	56	71	64	3	64	1
BAROMETER	1010	1011	1010	0	1010	1
WIND SPEED	0	5	1	1	1	5

MAXIMUM  
AVERAGE

THC	5.91E+00
THC-CH4	4.98E+00
CH4	9.00E-01
OZONE	6.43E-02
SOLAR RAD	5.57E-02
TEMP	34
HUMIDITY	68
BAROMETER	1011
WIND SPEED	2
WIND DIRECTION	54

JUN.TRI #6

DATE: JUL 21 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: WEST END OF WALLACE AVE. / NACAN & GLIDDEN

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
15:33-----16:03	3.9E+00 5.1E-02 3	2.4E+00 35 262	7.6E-01 57	5.6E-02 1009
15:39-----16:09	3.6E+00 4.8E-02 4	2.3E+00 36 261	7.6E-01 57	5.9E-02 1009
15:45-----16:15	3.6E+00 5.1E-02 6	2.4E+00 36 273	7.8E-01 56	5.7E-02 1009
15:51-----16:21	3.6E+00 5.3E-02 7	2.2E+00 36 273	7.8E-01 55	5.6E-02 1009

STATISTICS

NUMBER OF READINGS 52

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	2.02E+00	1.35E+01	3.75E+00	2.33E+00	3.34E+00	1.55E+00
THC-CH4	1.17E+00	8.96E+00	2.35E+00	1.37E+00	2.11E+00	1.55E+00
CH4	6.64E-01	1.31E+00	7.84E-01	1.22E-01	7.76E-01	1.14E+00
OZONE	3.35E-02	1.40E-01	5.52E-02	1.38E-02	5.41E-02	1.21E+00
SOLAR RAD	1.54E-02	7.05E-02	5.06E-02	1.46E-02	4.77E-02	1.47E+00
TEMP	34	37	36	1		
HUMIDITY	51	60	56	2	56	1
BAROMETER	1009	1009	1009	0	1009	1
WIND SPEED	0	15	6	4	5	2

MAXIMUM  
AVERAGE

THC	3.87E+00
THC-CH4	2.41E+00
CH4	7.84E-01
OZONE	5.88E-02
SOLAR RAD	5.33E-02
TEMP	36
HUMIDITY	57
BAROMETER	1009
WIND SPEED	7
WIND DIRECTION	273

JUN.TRI #7

DATE: JUL 21 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: 360 WALLACE AVE.; 0.07KM & 130DEG / GLIDDEN TANK FARM

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
17:29----17:59	6.8E+00 2.7E-02 6	5.9E+00 36 330	9.7E-01 54	4.1E-02 1008
17:35----18:05	6.4E+00 3.0E-02 6	5.8E+00 36 327	9.8E-01 53	4.0E-02 1008
17:41----18:11	6.1E+00 2.8E-02 6	5.6E+00 36 324	9.9E-01 52	4.1E-02 1008
17:47----18:17	5.7E+00 2.7E-02 6	4.6E+00 36 326	9.4E-01 52	3.9E-02 1008
17:53----18:23	5.1E+00 2.6E-02 5	3.6E+00 36 319	9.3E-01 51	3.8E-02 1008
17:59----18:29	4.2E+00 2.0E-02 5	2.9E+00 36 329	9.4E-01 50	3.7E-02 1008
18:05----18:35	4.0E+00 1.4E-02 6	2.8E+00 35 330	9.5E-01 50	3.8E-02 1008
18:11----18:41	4.0E+00 1.2E-02 5	3.0E+00 35 329	1.0E+00 51	3.5E-02 1008
18:17----18:47	4.2E+00 1.0E-02 5	3.2E+00 35 327	1.0E+00 51	3.4E-02 1009
18:23----18:53	4.5E+00 7.4E-03 5	3.3E+00 34 330	1.0E+00 52	3.3E-02 1009
18:29----18:59	4.4E+00 7.0E-03 5	3.1E+00 34 321	1.0E+00 52	3.2E-02 1009
18:35----19:05	4.4E+00 6.1E-03 4	3.1E+00 34 317	1.0E+00 53	3.1E-02 1009



TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
18:41-----19:11	4.1E+00 5.0E-03 4	2.7E+00 34 312	9.9E-01 53	3.1E-02 1009
18:47-----19:17	3.9E+00 4.2E-03 4	3.0E+00 34 312	1.0E+00 54	3.1E-02 1009
18:53-----19:23	3.7E+00 3.6E-03 3	3.1E+00 34 305	1.0E+00 55	3.1E-02 1009
18:59-----19:29	4.4E+00 3.2E-03 3	3.7E+00 33 306	1.1E+00 55	2.9E-02 1009
19:05-----19:35	4.8E+00 2.8E-03 3	4.3E+00 34 311	1.2E+00 56	3.0E-02 1009
19:11-----19:41	5.1E+00 2.4E-03 4	4.5E+00 34 318	1.2E+00 56	2.8E-02 1009
19:17-----19:47	5.3E+00 2.1E-03 4	4.2E+00 34 320	1.2E+00 56	2.7E-02 1009
19:23-----19:53	5.6E+00 1.8E-03 4	4.3E+00 33 322	1.2E+00 57	2.5E-02 1009
19:29-----19:59	5.3E+00 1.6E-03 4	4.1E+00 33 324	1.1E+00 58	2.5E-02 1009
19:35-----20:05	5.3E+00 1.4E-03 4	3.9E+00 33 325	1.1E+00 58	2.0E-02 1009
19:41-----20:11	6.0E+00 1.3E-03 4	4.1E+00 33 324	1.1E+00 59	1.8E-02 1009
19:47-----20:17	6.1E+00 1.2E-03 4	4.2E+00 33 327	1.1E+00 60	2.0E-02 1009
19:53-----20:23	5.7E+00 1.1E-03 4	4.2E+00 33 328	1.1E+00 61	2.1E-02 1009
19:59-----20:29	5.7E+00 1.1E-03 5	4.2E+00 33 327	1.1E+00 61	2.2E-02 1009

JUN.TRI #7, CONT'D

PAGE 3

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
20:05----20:35	5.9E+00 9.4E-04 5	4.3E+00 33 328	1.2E+00 62	2.4E-02 1009
20:11----20:41	5.6E+00 7.7E-04 5	4.1E+00 33 331	1.2E+00 62	2.6E-02 1009
20:17----20:47	5.3E+00 5.8E-04 5	3.8E+00 33 328	1.1E+00 63	2.1E-02 1009
20:23----20:53	5.2E+00 3.9E-04 5	3.6E+00 32 330	1.1E+00 64	1.9E-02 1009

# STATISTICS

NUMBER OF READINGS 204

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	2.59E+00	1.62E+01	5.13E+00	2.17E+00	4.78E+00	1.43E+00
THC-CH4	1.42E+00	2.10E+01	3.93E+00	2.43E+00	3.47E+00	1.59E+00
CH4	8.09E-01	2.28E+00	1.06E+00	2.61E-01	1.03E+00	1.23E+00
OZONE	1.00E-06	9.31E-02	2.95E-02	1.39E-02	2.10E-02	5.32E+00
SOLAR RAD	1.12E-04	3.93E-02	8.87E-03	1.14E-02	3.47E-03	4.55E+00
TEMP	32	36	34	1		
HUMIDITY	48	66	56	5	56	1
BAROMETER	1008	1009	1009	0	1009	1
WIND SPEED	0	13	5	3	4	3

## MAXIMUM AVERAGE

THC	6.76E+00
THC-CH4	5.92E+00
CH4	1.19E+00
OZONE	4.08E-02
SOLAR RAD	2.96E-02
TEMP	36
HUMIDITY	64
BAROMETER	1009
WIND SPEED	6
WIND DIRECTION	331

JUN.TRI #8

DATE: JUL 21 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: PATON RD., JUST W OF RR; 0.11KM & 135DEG / ANCHOR CAP

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
21:13----21:43	3.5E+00 1.2E-06 9	2.3E+00 28 331	8.5E-01 84	2.9E-02 1009
21:19----21:49	3.9E+00 1.2E-06 8	2.5E+00 28 330	8.4E-01 85	3.0E-02 1009
21:25----21:55	4.4E+00 1.1E-06 7	2.8E+00 28 326	8.3E-01 86	3.2E-02 1009
21:31----22:01	4.2E+00 1.1E-06 6	2.7E+00 28 324	8.3E-01 87	3.2E-02 1009
21:37----22:07	4.0E+00 1.1E-06 5	2.6E+00 28 319	8.1E-01 88	3.2E-02 1009
21:43----22:13	3.7E+00 1.3E-06 4	2.4E+00 28 312	8.0E-01 88	3.1E-02 1009
21:49----22:19	3.1E+00 1.3E-06 3	2.0E+00 28 302	7.7E-01 89	3.1E-02 1009
21:55----22:25	2.9E+00 1.3E-06 3	2.1E+00 28 300	8.2E-01 90	3.2E-02 1009
22:01----22:31	3.0E+00 1.2E-06 3	2.3E+00 28 305	8.0E-01 90	3.3E-02 1009
22:07----22:37	3.3E+00 1.2E-06 3	2.5E+00 28 308	8.1E-01 90	3.3E-02 1009
22:13----22:43	3.5E+00 1.5E-06 3	2.7E+00 28 315	8.0E-01 90	3.1E-02 1009
22:19----22:49	3.9E+00 1.5E-06 3	3.1E+00 28 330	8.0E-01 90	3.0E-02 1009

JUN.TRI #8, CONT'D

PAGE 2

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
22:25-----22:55	3.5E+00 1.6E-06 3	2.6E+00 28 336	7.3E-01 90	2.6E-02 1009

# STATISTICS

NUMBER OF READINGS 105

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	1.80E+00	7.58E+00	3.50E+00	1.43E+00	3.26E+00	1.45E+00
THC-CH4	1.15E+00	1.14E+01	2.42E+00	1.45E+00	2.15E+00	1.58E+00
CH4	6.19E-01	2.37E+00	7.94E-01	1.75E-01	7.83E-01	1.16E+00
OZONE	2.45E-03	1.10E-01	2.89E-02	1.23E-02	2.67E-03	1.54E+00
SOLAR RAD	1.00E-06	1.25E-05	1.43E-06	1.64E-06	1.16E-06	1.64E+00
TEMP	27	29	28	0		
HUMIDITY	82	94	88	3	88	1
BAROMETER	1009	1010	1009	0	1009	1
WIND SPEED	0	16	5	4	4	2

# MAXIMUM AVERAGE

THC	4.43E+00
THC-CH4	3.05E+00
CH4	8.47E-01
OZONE	3.29E-02
SOLAR RAD	1.59E-06
TEMP	28
HUMIDITY	90
BAROMETER	1009
WIND SPEED	9
WIND DIRECTION	336

JUN.TRI #9

DATE: JUL 22 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: 360 WALLACE AVE.; 0.06KM & 015DEG / NACAN

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
20:47----21:17	3.8E+00 1.6E-04 1	1.8E+00 25 278	1.1E+00 100	9.2E-03 1006
20:53----21:23	3.0E+00 1.2E-04 1	1.6E+00 25 278	1.1E+00 100	7.8E-03 1006
20:59----21:29	2.9E+00 4.6E-05 1	1.6E+00 26 277	1.1E+00 100	7.5E-03 1007
21:05----21:35	3.1E+00 1.2E-05 1	1.7E+00 26 278	1.2E+00 100	7.2E-03 1007
21:11----21:41	3.4E+00 4.0E-06 1	2.0E+00 26 279	1.2E+00 100	7.5E-03 1007
21:17----21:47	3.9E+00 1.1E-06 0	2.4E+00 26 276	1.3E+00 100	9.0E-03 1007
21:23----21:53	3.9E+00 1.1E-06 0	2.5E+00 26 277	1.3E+00 100	7.7E-03 1007
21:29----21:59	4.0E+00 1.1E-06 0	2.6E+00 26 275	1.4E+00 100	7.8E-03 1007

JUN.TRI #9 CONT'D

## STATISTICS

NUMBER OF READINGS 75

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	2.19E+00	1.65E+01	3.72E+00	2.30E+00	3.34E+00	1.52E+00
THC-CH4	1.12E+00	7.67E+00	2.09E+00	1.29E+00	1.85E+00	1.56E+00
CH4	1.01E+00	3.93E+00	1.24E+00	4.03E-01	1.20E+00	1.25E+00
OZONE	1.00E-06	5.61E-02	8.06E-03	1.07E-02	9.85E-04	4.13E+01
SOLAR RAD	1.00E-06	3.99E-04	6.58E-05	1.14E-04	6.27E-06	1.07E+01
TEMP	20	26	26	1		
HUMIDITY	100	100	100	0	100	1
BAROMETER	1006	1007	1007	0	1007	1
WIND SPEED	0	5	1	1	0	4

MAXIMUM  
AVERAGE

THC	3.98E+00
THC-CH4	2.61E+00
CH4	1.38E+00
OZONE	9.19E-03
SOLAR RAD	1.63E-04
TEMP	26
HUMIDITY	100
BAROMETER	1007
WIND SPEED	1
WIND DIRECTION	279

JUN.TRI #10

DATE: JUL 22 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: PERTH AVE. UNITED CHURCH; 0.19KM @ 045DEG / NACAN

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
22:18----22:48	4.7E+00 2.7E-05 0	2.9E+00 24 316	1.3E+00 101	1.3E-02 1007
22:24----22:54	4.2E+00 2.6E-05 1	2.6E+00 24 337	1.2E+00 101	1.0E-02 1007
22:30----23:00	4.1E+00 2.6E-05 1	2.7E+00 23 341	1.2E+00 100	1.1E-02 1007
22:36----23:06	3.2E+00 1.0E-06 1	2.0E+00 23 348	1.1E+00 100	1.0E-02 1007
22:42----23:12	3.0E+00 1.0E-06 2	1.7E+00 23 348	1.1E+00 99	9.8E-03 1007

STATISTICS

NUMBER OF READINGS 57

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	2.22E+00	1.30E+01	3.83E+00	2.10E+00	3.46E+00	1.52E+00
THC-CH4	1.13E+00	1.01E+01	2.30E+00	1.70E+00	1.96E+00	1.66E+00
CH4	1.00E+00	2.11E+00	1.18E+00	2.22E-01	1.16E+00	1.17E+00
OZONE	1.00E-06	6.71E-02	1.23E-02	1.55E-02	2.33E-03	2.84E+01
SOLAR RAD	1.00E-06	2.70E-04	1.45E-05	5.06E-05	1.54E-06	3.96E+00
TEMP	22	25	23	1		
HUMIDITY	93	156	100	9	99	1
BAROMETER	1007	1008	1007	0	1007	1
WIND SPEED	0	7	1	1	0	5

MAXIMUM  
AVERAGE

THC	4.69E+00
THC-CH4	2.87E+00
CH4	1.26E+00
OZONE	1.30E-02
SOLAR RAD	2.66E-05
TEMP	24
HUMIDITY	101
BAROMETER	1007
WIND SPEED	2
WIND DIRECTION	348



JUN.TRI #11

DATE: JUL 23 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: MAIN ENTRANCE TO GLIDDEN ON WALLACE: 0.09KM @ 120DEG / GLIDDEN

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
01:14----01:44	3.1E+00 1.0E-06 1	2.1E+00 21 290	1.1E+00 0	9.3E-03 1007
01:20----01:50	3.4E+00 1.0E-06 1	2.3E+00 21 292	1.1E+00 0	1.0E-02 1007
01:26----01:56	3.7E+00 1.0E-06 1	2.6E+00 21 297	1.1E+00 0	1.0E-02 1007
01:32----02:02	3.7E+00 1.0E-06 1	2.5E+00 21 287	1.1E+00 0	1.1E-02 1007
01:38----02:08	3.4E+00 1.0E-06 1	2.2E+00 21 282	1.0E+00 0	1.0E-02 1007
01:44----02:14	3.0E+00 1.0E-06 1	1.8E+00 21 276	1.0E+00 0	9.5E-03 1007
01:50----02:20	2.7E+00 1.0E-06 1	1.5E+00 21 275	1.0E+00 0	8.3E-03 1007
01:56----02:26	2.4E+00 1.0E-06 1	1.3E+00 21 272	1.0E+00 0	7.8E-03 1007
02:02----02:32	2.4E+00 1.0E-06 1	1.3E+00 21 271	1.0E+00 0	6.4E-03 1007
02:08----02:38	2.4E+00 1.0E-06 1	1.3E+00 20 269	1.0E+00 0	5.2E-03 1007
02:14----02:44	2.5E+00 1.0E-06 1	1.3E+00 20 269	1.0E+00 0	4.1E-03 1007
02:20----02:50	2.5E+00 1.0E-06 1	1.3E+00 20 268	1.1E+00 0	4.9E-03 1007

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
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STATISTICS

NUMBER OF READINGS 99

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	1.93E+00	5.90E+00	2.82E+00	7.67E-01	2.74E+00	1.27E+00
THC-CH4	1.04E+00	6.37E+00	1.70E+00	8.60E-01	1.57E+00	1.43E+00
CH4	9.69E-01	1.36E+00	1.04E+00	5.93E-02	1.04E+00	1.05E+00
OZONE	1.00E-06	4.31E-02	7.55E-03	7.73E-03	4.17E-03	5.41E+00
SOLAR RAD	1.00E-06	1.00E-06	1.00E-06	0.00E+00	1.00E-06	1.00E+0
TEMP	20	22	21	1		
HUMIDITY	0	0	0	0	0	1
BAROMETER	1007	1008	1007	0	1007	1
WIND SPEED	0	3	1	1	0	4

MAXIMUM  
AVERAGE

THC	3.70E+00
THC-CH4	2.56E+00
CH4	1.06E+00
OZONE	1.14E-02
SOLAR RAD	1.00E-06
TEMP	21
HUMIDITY	0
BAROMETER	1007
WIND SPEED	1
WIND DIRECTION	297

JUN.TRI #12

DATE: JUL 23 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: PATON RD., JUST W OF RR; 0.11KM & 135DEG / ANCHOR CAP

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
03:38-----04:08	2.9E+00 8.1E-06 7	1.8E+00 19 326	9.9E-01 0	1.1E-02 1007
03:44-----04:14	2.8E+00 5.0E-06 8	1.7E+00 19 326	9.9E-01 0	1.1E-02 1007
03:50-----04:20	2.8E+00 1.8E-06 8	1.6E+00 19 326	9.9E-01 0	1.1E-02 1007
03:56-----04:26	3.0E+00 1.0E-06 7	1.7E+00 19 325	1.0E+00 0	1.0E-02 1007
04:02-----04:32	3.1E+00 1.0E-06 7	1.8E+00 19 326	1.0E+00 0	9.7E-03 1007
04:08-----04:38	3.2E+00 1.0E-06 6	1.9E+00 19 327	1.0E+00 0	9.3E-03 1007
04:14-----04:44	3.3E+00 1.0E-06 4	2.0E+00 19 327	1.0E+00 0	8.4E-03 1007
04:20-----04:50	3.2E+00 1.0E-06 4	1.9E+00 19 328	1.0E+00 0	7.9E-03 1007
04:26-----04:56	3.0E+00 1.0E-06 4	1.8E+00 19 329	1.0E+00 0	8.5E-03 1007
04:32-----05:02	2.8E+00 1.0E-06 4	1.7E+00 19 329	1.0E+00 0	7.4E-03 1007
04:38-----05:08	2.8E+00 1.0E-06 5	1.6E+00 19 329	1.0E+00 0	7.1E-03 1007
04:44-----05:14	2.6E+00 1.0E-06 5	1.5E+00 19 330	1.0E+00 0	8.3E-03 1007

JUN.TRI #12, CONT'D

PAGE 2

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
04:50----05:20	2.5E+00 1.0E-06 5	1.4E+00 19 330	1.0E+00 0	8.6E-03 1007
04:56----05:26	2.4E+00 1.0E-06 6	1.3E+00 19 328	1.0E+00 0	8.1E-03 1007
05:02----05:32	2.4E+00 1.0E-06 6	1.3E+00 19 327	1.1E+00 0	9.8E-03 1007
05:08----05:38	2.4E+00 1.0E-06 6	1.3E+00 19 328	1.1E+00 0	9.7E-03 1007
05:14----05:44	2.5E+00 2.9E-06 6	1.3E+00 19 327	1.2E+00 0	8.8E-03 1007
05:20----05:50	2.5E+00 1.3E-05 6	1.3E+00 19 327	1.2E+00 0	7.8E-03 1007
05:26----05:56	2.5E+00 4.5E-05 6	1.3E+00 19 324	1.2E+00 0	8.1E-03 1007
05:32----06:02	2.8E+00 1.1E-04 6	1.5E+00 18 324	1.2E+00 0	7.4E-03 1007
05:38----06:08	3.0E+00 2.1E-04 7	1.6E+00 18 324	1.3E+00 0	6.6E-03 1007
05:44----06:14	3.3E+00 3.7E-04 7	1.8E+00 18 324	1.4E+00 0	6.6E-03 1008
05:50----06:20	3.4E+00 5.9E-04 8	1.8E+00 18 323	1.4E+00 0	7.3E-03 1008
05:56----06:26	3.4E+00 8.6E-04 9	1.8E+00 19 325	1.5E+00 0	7.5E-03 1008
06:02----06:32	3.2E+00 1.2E-03 9	1.7E+00 19 326	1.4E+00 0	8.2E-03 1008
06:08----06:38	2.9E+00 1.6E-03 9	1.5E+00 19 330	1.3E+00 0	8.6E-03 1008

JUN.TRI #12, CONT'D

PAGE 3

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
06:14----06:44	2.8E+00 2.3E-03 10	1.4E+00 19 330	1.3E+00 0	9.9E-03 1008
06:20----06:50	2.8E+00 3.0E-03 10	1.4E+00 19 332	1.3E+00 0	1.0E-02 1008
06:26----06:56	2.8E+00 4.0E-03 9	1.5E+00 19 335	1.3E+00 0	1.0E-02 1008
06:32----07:02	2.7E+00 5.0E-03 9	1.5E+00 19 337	1.2E+00 0	1.1E-02 1008
06:38----07:08	2.9E+00 6.1E-03 9	1.5E+00 19 336	1.3E+00 0	1.2E-02 1008
06:44----07:14	2.9E+00 7.3E-03 8	1.6E+00 19 337	1.3E+00 0	1.2E-02 1008
06:50----07:20	3.2E+00 8.5E-03 8	1.9E+00 20 337	1.3E+00 0	1.4E-02 1008
06:56----07:26	3.2E+00 8.9E-03 9	1.9E+00 20 337	1.3E+00 0	1.4E-02 1008
07:02----07:32	3.4E+00 9.6E-03 9	2.0E+00 20 335	1.3E+00 0	1.4E-02 1008
07:08----07:38	3.5E+00 1.1E-02 9	2.0E+00 20 335	1.3E+00 0	1.6E-02 1008
07:14----07:44	3.4E+00 1.2E-02 9	2.1E+00 20 335	1.2E+00 0	1.6E-02 1008
07:20----07:50	3.5E+00 1.2E-02 8	2.0E+00 20 334	1.1E+00 0	1.5E-02 1008
07:26----07:56	4.4E+00 1.3E-02 8	2.7E+00 20 330	1.2E+00 0	1.8E-02 1009
07:32----08:02	4.4E+00 1.5E-02 8	2.9E+00 20 328	1.2E+00 0	1.9E-02 1009

JUN.TRI #12, CONT'D

PAGE 4

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
07:38----08:08	4.6E+00 1.6E-02 8	3.0E+00 20 327	1.2E+00 0	1.9E-02 1009
07:44----08:14	4.7E+00 1.8E-02 8	3.0E+00 21 326	1.2E+00 0	1.9E-02 1009
07:50----08:20	4.8E+00 2.1E-02 9	3.2E+00 21 324	1.2E+00 0	1.9E-02 1009
07:56----08:26	4.0E+00 2.3E-02 9	2.5E+00 21 326	1.1E+00 0	1.7E-02 1009
08:02----08:32	4.0E+00 2.5E-02 9	2.4E+00 21 327	1.1E+00 0	1.5E-02 1009
08:08----08:38	4.3E+00 2.7E-02 8	2.6E+00 22 325	1.2E+00 0	1.6E-02 1009
08:14----08:44	4.1E+00 2.8E-02 8	2.6E+00 22 325	1.1E+00 0	1.5E-02 1009
08:20----08:50	3.9E+00 3.0E-02 8	2.5E+00 22 328	1.1E+00 0	1.6E-02 1009
08:26----08:56	4.2E+00 3.1E-02 5	2.7E+00 23 337	1.1E+00 0	1.8E-02 1009

STATISTICS

NUMBER OF READINGS 321

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	2.05E+00	1.03E+01	3.27E+00	1.14E+00	3.12E+00	1.33E+00
THC-CH4	1.05E+00	8.17E+00	1.93E+00	9.04E-01	1.79E+00	1.44E+00
CH4	9.32E-01	1.93E+00	1.16E+00	2.00E-01	1.14E+00	1.17E+00
OZONE	1.00E-06	6.81E-02	1.19E-02	8.34E-03	8.39E-03	8.91E-03
SOLAR RAD	1.00E-06	3.98E-02	7.97E-03	1.10E-02	2.32E-04	7.39E-01
TEMP	18	24	20	1		
HUMIDITY	0	0	0	0	0	1
BAROMETER	1007	1009	1008	1	1008	1
WIND SPEED	0	19	8	3	7	2

MAXIMUM  
AVERAGE

THC	4.77E+00
THC-CH4	3.17E+00
CH4	1.47E+00
OZONE	1.92E-02
SOLAR RAD	3.13E-02
TEMP	23
HUMIDITY	0
BAROMETER	1009
WIND SPEED	10
WIND DIRECTION	337

JUN.TRI #13

DATE: JUL 23 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: 115 PATON RD.; 0.09KM & 175DEG / ANCHOR CAP

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
14:40----15:10	4.7E+00 3.6E-02 5	3.1E+00 29 347	1.3E+00 0	2.6E-02 1009
14:46----15:16	4.1E+00 4.0E-02 6	2.6E+00 30 341	1.3E+00 0	2.4E-02 1009
14:52----15:22	4.1E+00 4.7E-02 6	2.6E+00 30 344	1.2E+00 0	2.4E-02 1009
14:58----15:28	3.9E+00 5.7E-02 6	2.3E+00 30 334	1.2E+00 0	2.4E-02 1009
15:04----15:34	3.6E+00 6.2E-02 6	1.8E+00 31 333	1.1E+00 0	2.4E-02 1009
15:10----15:40	3.3E+00 6.1E-02 6	1.8E+00 31 335	1.1E+00 0	2.6E-02 1009
15:16----15:46	3.5E+00 6.1E-02 6	2.0E+00 31 344	1.1E+00 0	2.7E-02 1009
15:22----15:52	3.5E+00 5.9E-02 5	2.1E+00 31 338	1.1E+00 0	2.7E-02 1009
15:28----15:58	3.3E+00 5.8E-02 6	2.0E+00 31 341	1.1E+00 0	2.8E-02 1009
15:34----16:04	3.2E+00 5.7E-02 5	1.9E+00 31 336	1.1E+00 0	2.8E-02 1009
15:40----16:10	2.8E+00 5.9E-02 6	1.6E+00 31 323	1.1E+00 0	2.6E-02 1009



STATISTICS

NUMBER OF READINGS 93

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	1.93E+00	1.19E+01	3.57E+00	1.72E+00	3.27E+00	1.49E+00
THC-CH4	8.95E-01	9.70E+00	2.17E+00	1.43E+00	1.87E+00	1.68E+00
CH4	9.64E-01	2.02E+00	1.18E+00	2.00E-01	1.06E+00	1.17E+00
OZONE	8.41E-03	6.65E-02	2.63E-02	9.51E-03	2.48E-02	1.41E+00
SOLAR RAD	1.31E-02	7.82E-02	5.26E-02	1.98E-02	4.73E-02	1.67E+00
TEMP	28	32	30	1		
HUMIDITY	0	0	0	0	0	1
BAROMETER	1009	1009	1009	0	1009	1
WIND SPEED	0	15	7	4	6	2

MAXIMUM  
AVERAGE

THC	4.66E+00
THC-CH4	3.14E+00
CH4	1.33E+00
OZONE	2.78E-02
SOLAR RAD	6.21E-02
TEMP	31
HUMIDITY	0
BAROMETER	1009
WIND SPEED	6
WIND DIRECTION	347

JUN.TRI #15

DATE: JUL 23 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: 119 PATON RD.; 0.10KM @ 185DEG / ANCHOR CAP

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
19:16----19:46	3.4E+00 9.7E-03 4	1.8E+00 28 339	1.3E+00 25	2.2E-02 1010
19:22----19:52	3.6E+00 9.9E-03 4	1.9E+00 28 339	1.3E+00 35	1.9E-02 1010
19:28----19:58	3.4E+00 1.0E-02 4	1.7E+00 28 350	1.3E+00 45	1.9E-02 1010
19:34----20:04	3.6E+00 8.7E-03 5	1.5E+00 28 357	1.2E+00 49	1.8E-02 1010
19:40----20:10	3.5E+00 7.4E-03 6	1.8E+00 28 355	1.2E+00 50	1.8E-02 1010
19:46----20:16	3.6E+00 6.1E-03 7	1.9E+00 27 354	1.3E+00 51	1.6E-02 1010
19:52----20:22	3.6E+00 4.8E-03 7	1.9E+00 27 353	1.3E+00 51	1.8E-02 1011
19:58----20:28	3.7E+00 3.5E-03 6	2.0E+00 27 348	1.3E+00 53	2.0E-02 1011
20:04----20:34	3.4E+00 2.4E-03 6	2.0E+00 26 346	1.2E+00 54	2.0E-02 1011
20:10----20:40	3.3E+00 1.5E-03 6	2.0E+00 26 354	1.2E+00 55	1.8E-02 1011
20:16----20:46	3.4E+00 1.0E-03 5	1.9E+00 26 352	1.2E+00 56	1.7E-02 1011
20:22----20:52	3.3E+00 6.7E-04 5	2.0E+00 25 351	1.2E+00 57	1.4E-02 1011

JUN.TRI #15, CONT'D

PAGE 2

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
20:28----20:58	3.3E+00 4.7E-04 4	2.0E+00 25 355	1.2E+00 58	1.2E-02 1011
20:34----21:04	3.2E+00 3.2E-04 3	2.1E+00 25 359	1.2E+00 59	1.3E-02 1011
20:40----21:10	3.2E+00 2.1E-04 3	2.0E+00 25 353	1.2E+00 59	1.4E-02 1011
20:46----21:16	3.1E+00 1.2E-04 3	2.0E+00 24 359	1.2E+00 59	1.4E-02 1011
20:52----21:22	2.9E+00 5.8E-05 3	1.8E+00 24 1	1.2E+00 60	1.4E-02 1011
20:58----21:28	3.1E+00 2.3E-05 3	2.0E+00 24 360	1.2E+00 60	1.5E-02 1011
21:04----21:34	3.2E+00 6.7E-06 3	2.0E+00 23 356	1.2E+00 61	1.4E-02 1011
21:10----21:40	3.3E+00 2.1E-06 3	1.9E+00 23 2	1.2E+00 62	1.5E-02 1012
21:16----21:46	3.3E+00 1.1E-06 3	2.0E+00 23 2	1.2E+00 62	1.4E-02 1012
21:22----21:52	4.2E+00 1.2E-06 2	2.3E+00 23 15	1.2E+00 63	1.5E-02 1012
21:28----21:58	4.3E+00 1.6E-06 2	2.4E+00 23 24	1.2E+00 63	1.4E-02 1012
21:34----22:04	4.4E+00 1.6E-06 2	2.5E+00 22 25	1.2E+00 64	1.2E-02 1012

STATISTICS

NUMBER OF READINGS 169

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	2.12E+00	1.61E+01	3.54E+00	1.77E+00	3.30E+00	1.40E+00
THC-CH4	9.85E-01	6.38E+00	2.03E+00	9.72E-01	1.86E+00	1.47E+00
CH4	1.08E+00	1.85E+00	1.24E+00	1.26E-01	1.23E+00	1.10E+00
OZONE	1.00E-06	6.31E-02	1.60E-02	1.10E-02	1.02E-02	5.65E+00
SOLAR RAD	1.00E-06	1.35E-02	3.00E-03	4.16E-03	1.59E-04	4.09E+01
TEMP	22	28	25	2		
HUMIDITY	0	66	52	17	33	6
BAROMETER	1010	1012	1011	1	1011	1
WIND SPEED	0	19	5	4	4	3

MAXIMUM  
AVERAGE

THC	4.40E+00
THC-CH4	2.54E+00
CH4	1.31E+00
OZONE	2.18E-02
SOLAR RAD	1.00E-02
TEMP	28
HUMIDITY	64
BAROMETER	1012
WIND SPEED	7
WIND DIRECTION	360

JUN.TRI #16

DATE: JUL 24 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: FOOTBRIDGE AT W END OF WALLACE; 0.06KM & 170DEG / GLIDDEN

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
05:51----06:21	7.8E+00 1.0E-06 2	5.9E+00 16 325	1.4E+00 108	7.6E-03 1013
05:57----06:27	8.2E+00 1.0E-06 2	6.4E+00 16 320	1.4E+00 110	7.5E-03 1013
06:03----06:33	8.1E+00 1.0E-06 2	6.3E+00 16 321	1.4E+00 111	7.3E-03 1013
06:09----06:39	8.0E+00 1.0E-06 2	6.0E+00 16 325	1.4E+00 110	8.0E-03 1013
06:15----06:45	7.8E+00 1.0E-06 2	6.0E+00 16 321	1.4E+00 111	8.8E-03 1013
06:21----06:51	7.1E+00 1.0E-06 2	5.3E+00 16 322	1.4E+00 110	7.5E-03 1013
06:27----06:57	6.8E+00 1.0E-06 2	4.8E+00 17 328	1.4E+00 109	8.8E-03 1013
06:33----07:03	6.5E+00 1.1E-06 2	4.5E+00 17 327	1.4E+00 108	9.5E-03 1013
06:39----07:09	6.9E+00 1.1E-06 3	5.0E+00 17 324	1.4E+00 107	9.3E-03 1013
06:45----07:15	6.6E+00 1.2E-06 4	4.7E+00 17 326	1.4E+00 106	9.5E-03 1013
06:51----07:21	6.4E+00 1.9E-06 4	4.6E+00 17 330	1.4E+00 105	1.0E-02 1013
06:57----07:27	6.4E+00 4.8E-06 4	4.7E+00 17 331	1.4E+00 103	1.1E-02 1013

JUN.TRI #16, CONT'D

PAGE 2

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
07:03----07:33	6.6E+00 6.0E-06 4	4.9E+00 17 332	1.3E+00 101	1.1E-02 1013
07:09----07:39	5.8E+00 7.9E-06 5	4.0E+00 18 330	1.3E+00 99	1.1E-02 1014
07:15----07:45	5.7E+00 1.0E-05 4	4.0E+00 18 333	1.3E+00 97	1.2E-02 1014
07:21----07:51	6.3E+00 1.2E-05 4	4.6E+00 18 335	1.3E+00 95	1.3E-02 1014
07:27----07:57	6.9E+00 1.3E-05 4	5.1E+00 19 338	1.3E+00 93	1.3E-02 1014
07:33----08:03	7.2E+00 1.6E-05 4	5.4E+00 19 341	1.3E+00 91	1.2E-02 1014
07:39----08:09	7.1E+00 1.7E-05 3	5.4E+00 19 334	1.3E+00 89	1.2E-02 1014
07:45----08:15	7.5E+00 1.7E-05 3	5.5E+00 19 335	1.3E+00 87	1.2E-02 1014
07:51----08:21	7.5E+00 1.7E-05 2	5.3E+00 20 339	1.2E+00 85	1.1E-02 1014
07:57----08:27	7.3E+00 1.8E-05 2	5.2E+00 20 334	1.2E+00 83	1.1E-02 1014
08:03----08:33	7.2E+00 1.8E-05 3	5.2E+00 20 336	1.1E+00 82	1.1E-02 1014
08:09----08:39	7.5E+00 1.9E-05 3	5.4E+00 21 347	1.1E+00 80	1.2E-02 1014
08:15----08:45	7.2E+00 2.2E-05 4	5.4E+00 21 357	1.1E+00 78	1.3E-02 1014

STATISTICS

NUMBER OF READINGS 174

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV
THC	3.16E+00	1.51E+01	6.99E+00	1.91E+00	6.74E+00	1.31E+00
THC-CH4	2.15E+00	1.31E+01	5.16E+00	1.78E+00	4.88E+00	1.39E+00
CH4	1.06E+00	1.96E+00	1.30E+00	1.31E-01	1.29E+00	1.11E+00
OZONE	1.00E-06	3.90E-02	1.03E-02	7.83E-03	4.33E-03	1.19E+01
SOLAR RAD	1.00E-06	3.32E-05	8.96E-06	9.87E-06	3.80E-06	4.11E+00
TEMP	16	22	18	2		
HUMIDITY	72	113	98	12	97	1
BAROMETER	1013	1014	1013	0	1013	1
WIND SPEED	0	11	4	2	3	2

MAXIMUM  
AVERAGE

THC	8.15E+00
THC-CH4	6.42E+00
CH4	1.41E+00
OZONE	1.32E-02
SOLAR RAD	2.16E-05
TEMP	21
HUMIDITY	111
BAROMETER	1014
WIND SPEED	5
WIND DIRECTION	357

JUN.TRI #17

DATE: JUL 24 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: PATON RD., JUST W OF RR; 0.11KM & 135DEG / ANCHOR CAP

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
09:01----09:31	4.2E+00 2.3E-05 6	2.5E+00 24 345	1.1E+00 64	1.7E-02 1014
09:07----09:37	3.6E+00 2.6E-05 6	2.2E+00 25 345	1.1E+00 63	1.6E-02 1014
09:13----09:43	3.0E+00 2.7E-05 5	1.9E+00 25 342	1.1E+00 63	1.5E-02 1014
09:19----09:49	3.4E+00 2.5E-05 4	2.3E+00 25 337	1.1E+00 63	1.7E-02 1014
09:25----09:55	3.8E+00 2.3E-05 4	2.6E+00 25 331	1.1E+00 63	1.9E-02 1014
09:31----10:01	3.9E+00 2.1E-05 4	2.5E+00 25 328	1.1E+00 62	2.1E-02 1014
09:37----10:07	3.9E+00 2.2E-05 4	2.4E+00 26 327	1.1E+00 62	1.9E-02 1014



STATISTICS

NUMBER OF READINGS 71

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	2.43E+00	1.01E+01	3.99E+00	1.99E+00	3.63E+00	1.51E+00
THC-CH4	1.33E+00	6.86E+00	2.42E+00	1.38E+00	2.16E+00	1.56E+00
CH4	9.39E-01	1.45E+00	1.10E+00	1.05E-01	1.10E+00	1.10E+00
OZONE	8.00E-06	1.11E-01	1.80E-02	1.62E-02	1.04E-02	5.39E+00
SOLAR RAD	1.00E-06	4.99E-05	2.41E-05	1.11E-05	2.06E-05	1.93E+00
TEMP	24	28	25	1		
HUMIDITY	56	69	63	3	63	1
BAROMETER	1014	1014	1014	0	1014	1
WIND SPEED	0	11	5	3	4	2

MAXIMUM  
AVERAGE

THC	4.23E+00
THC-CH4	2.55E+00
CH4	1.13E+00
OZONE	2.07E-02
SOLAR RAD	2.69E-05
TEMP	26
HUMIDITY	64
BAROMETER	1014
WIND SPEED	6
WIND DIRECTION	345

JUN.TRI #18

DATE: JUL 24 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: SARNIA AVE. AT RR TRACKS: 0.21KM & 000DEG / ANCHOR CAP

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
19:16----19:46	4.6E+00 7.9E-03 5	1.7E+00 28 211	3.4E+00 48	4.5E-02 1012
19:22----19:52	5.0E+00 4.9E-03 6	1.7E+00 28 212	3.9E+00 49	4.6E-02 1012
19:28----19:58	4.9E+00 4.1E-03 5	1.4E+00 28 210	4.0E+00 51	4.6E-02 1012
19:34----20:04	4.6E+00 3.7E-03 5	1.4E+00 28 210	4.0E+00 52	4.3E-02 1012
19:40----20:10	4.8E+00 3.3E-03 5	1.3E+00 27 212	4.1E+00 52	3.9E-02 1012
19:46----20:16	5.3E+00 3.0E-03 5	1.6E+00 27 214	4.5E+00 53	3.7E-02 1012
19:52----20:22	5.1E+00 2.6E-03 5	1.5E+00 27 215	4.4E+00 53	3.3E-02 1012
19:58----20:28	5.0E+00 2.2E-03 6	1.6E+00 27 214	4.3E+00 55	3.6E-02 1012
20:04----20:34	4.7E+00 1.9E-03 6	1.4E+00 26 213	4.1E+00 56	3.8E-02 1012
20:10----20:40	4.5E+00 1.5E-03 6	1.4E+00 26 214	3.9E+00 58	4.0E-02 1012
20:16----20:46	4.1E+00 1.2E-03 5	1.3E+00 26 210	3.7E+00 60	4.0E-02 1012
20:22----20:52	4.1E+00 9.2E-04 5	1.2E+00 26 210	3.7E+00 62	4.1E-02 1012

JUN.TRI #18, CONT'D

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
20:28----20:58	4.3E+00 6.6E-04 4	1.2E+00 25 209	3.7E+00 63	3.9E-02 1012
20:34----21:04	4.6E+00 4.3E-04 4	1.4E+00 25 205	3.9E+00 65	3.9E-02 1012
20:40----21:10	5.0E+00 2.5E-04 4	1.6E+00 25 200	4.2E+00 68	3.7E-02 1012
20:46----21:16	5.6E+00 1.2E-04 4	1.7E+00 26 198	4.5E+00 71	3.5E-02 1012
20:52----21:22	5.9E+00 5.0E-05 5	2.0E+00 25 197	4.7E+00 74	3.2E-02 1012
20:58----21:28	6.2E+00 1.2E-05 5	2.0E+00 25 198	5.0E+00 77	2.9E-02 1012
21:04----21:34	6.4E+00 1.0E-06 6	1.9E+00 25 197	5.3E+00 80	2.6E-02 1012
21:10----21:40	6.6E+00 1.0E-06 5	1.8E+00 25 199	5.5E+00 81	2.5E-02 1012
21:16----21:46	6.5E+00 1.0E-06 5	1.8E+00 25 200	5.8E+00 82	2.2E-02 1012
21:22----21:52	6.3E+00 1.0E-06 5	1.5E+00 25 204	6.2E+00 82	2.3E-02 1012
21:28----21:58	5.7E+00 1.0E-06 4	1.2E+00 25 206	6.2E+00 81	2.0E-02 1012
21:34----22:04	5.3E+00 1.0E-06 4	9.5E-01 25 211	6.1E+00 80	1.6E-02 1012

## STATISTICS

NUMBER OF READINGS 168

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	6.13E-03	1.17E+01	5.12E+00	2.11E+00	4.57E+00	1.96E+00
THC-CH4	1.00E-06	5.62E+00	1.49E+00	1.11E+00	8.04E-01	1.01E+01
CH4	1.00E-06	8.69E+00	4.54E+00	1.30E+00	4.00E+00	3.39E+00
OZONE	1.00E-06	1.11E-01	3.35E-02	1.77E-02	2.69E-02	2.76E+00
SOLAR RAD	1.00E-06	1.98E-02	2.17E-03	3.71E-03	1.20E-04	4.23E+01
TEMP	24	30	26	1		
HUMIDITY	44	84	64	13	63	1
BAROMETER	1012	1012	1012	0	1012	1
WIND SPEED	0	12	5	2	4	2

MAXIMUM  
AVERAGE

THC	6.62E+00
THC-CH4	2.00E+00
CH4	6.17E+00
OZONE	4.59E-02
SOLAR RAD	7.89E-03
TEMP	28
HUMIDITY	82
BAROMETER	1012
WIND SPEED	6
WIND DIRECTION	215

JUN.TRI #19

DATE: JUL 25 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: FOOTBRIDGE AT W END OF WALLACE; 0.06KM & 170DEG / GLIDDEN

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
06:12----06:42	2.5E+00 1.2E-03 0	1.8E+00 20 253	4.8E-01 94	5.2E-03 1013
06:18----06:48	2.5E+00 1.5E-03 0	1.8E+00 20 233	4.9E-01 94	5.2E-03 1013
06:24----06:54	2.6E+00 1.9E-03 0	1.9E+00 20 222	4.9E-01 93	6.1E-03 1013

# STATISTICS

NUMBER OF READINGS 45

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	2.10E+00	3.05E+00	2.59E+00	4.10E-01	2.56E+00	1.16E+00
THC-CH4	1.55E+00	3.03E+00	1.86E+00	3.07E-01	1.84E+00	1.16E+00
CH4	4.02E-01	6.33E-01	4.80E-01	4.37E-02	4.78E-01	1.09E+00
OZONE	1.00E-06	1.89E-02	5.79E-03	3.83E-03	3.33E-03	6.72E+00
SOLAR RAD	5.73E-04	3.08E-03	1.68E-03	8.15E-04	1.49E-03	1.69E+00
TEMP	19	20	20	0		
HUMIDITY	84	95	93	3	92	1
BAROMETER	1013	1013	1013	0	1013	1
WIND SPEED	0	2	0	0	0	2

## MAXIMUM AVERAGE

THC	2.60E+00
THC-CH4	1.89E+00
CH4	4.86E-01
OZONE	6.12E-03
SOLAR RAD	1.93E-03
TEMP	20
HUMIDITY	94
BAROMETER	1013
WIND SPEED	0
WIND DIRECTION	253

JUN.TRI #20

DATE: JUL 25 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: 21 RUSKIN AVE.; 0.15KM & 020DEG / GLIDDEN

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
07:08----07:38	6.0E+00 2.3E-03 0	3.6E+00 21 351	1.1E+00 88	1.3E-02 1013
07:14----07:44	6.2E+00 3.0E-03 0	3.9E+00 21 351	1.2E+00 87	1.4E-02 1013
07:20----07:50	6.4E+00 4.6E-03 0	4.2E+00 21 351	1.2E+00 86	1.7E-02 1013
07:26----07:56	6.0E+00 7.0E-03 0	4.4E+00 21 351	1.0E+00 84	1.7E-02 1013
07:32----08:02	5.3E+00 7.9E-03 0	4.3E+00 22 351	9.8E-01 82	1.6E-02 1013
07:38----08:08	4.6E+00 8.3E-03 0	4.0E+00 22 351	8.9E-01 81	1.1E-02 1013
07:44----08:14	4.2E+00 8.4E-03 0	3.7E+00 22 351	7.7E-01 79	1.2E-02 1013
07:50----08:20	3.9E+00 7.9E-03 0	3.4E+00 22 351	7.0E-01 77	1.0E-02 1013

STATISTICS

NUMBER OF READINGS 73

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	1.82E+00	1.87E+01	5.15E+00	2.73E+00	4.59E+00	1.60E+00
THC-CH4	1.46E+00	1.42E+01	3.63E+00	2.07E+00	3.22E+00	1.61E+00
CH4	3.13E-01	4.04E+00	9.08E-01	6.57E-01	7.61E-01	1.75E+00
OZONE	1.00E-06	7.55E-02	1.25E-02	1.72E-02	6.01E-04	7.90E+01
SOLAR RAD	1.35E-03	1.93E-02	5.66E-03	4.27E-03	4.42E-03	2.03E+00
TEMP	20	23	21	1		
HUMIDITY	73	90	82	5	82	1
BAROMETER	1013	1014	1013	0	1013	1
WIND SPEED	0	0	0	0	0	1

MAXIMUM  
AVERAGE

THC	6.37E+00
THC-CH4	4.42E+00
CH4	1.20E+00
OZONE	1.72E-02
SOLAR RAD	8.40E-03
TEMP	22
HUMIDITY	88
BAROMETER	1013
WIND SPEED	0
WIND DIRECTION	351

JUN.TRI #23

DATE: JUL 29 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: FOOTBRIDGE AT W END OF WALLACE; 0.06KM & 170DEG / GLIDDEN

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
06:15----06:45	4.6E+00 9.8E-04 3	3.7E+00 21 354	1.1E+00 143	1.1E-02 1007
06:21----06:51	4.3E+00 1.4E-03 3	3.3E+00 20 349	1.0E+00 143	1.1E-02 1007
06:27----06:57	4.5E+00 1.7E-03 3	3.0E+00 20 347	1.0E+00 143	1.1E-02 1007

# STATISTICS

NUMBER OF READINGS 47

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	3.14E+00	1.15E+01	4.61E+00	1.43E+00	4.46E+00	1.28E+00
THC-CH4	2.18E+00	1.20E+01	3.51E+00	1.72E+00	3.28E+00	1.39E+00
CH4	8.78E-01	3.05E+00	1.07E+00	3.25E-01	1.04E+00	1.22E+00
OZONE	1.00E-06	3.51E-02	1.08E-02	6.56E-03	6.24E-03	7.42E+00
SOLAR RAD	4.15E-04	2.58E-03	1.47E-03	7.72E-04	1.24E-03	1.88E+00
TEMP	20	21	20	0		
HUMIDITY	135	145	142	2	142	1
BAROMETER	1006	1007	1007	0	1007	1
WIND SPEED	0	9	3	2	2	4

## MAXIMUM AVERAGE

THC	4.57E+00
THC-CH4	3.68E+00
CH4	1.06E+00
OZONE	1.14E-02
SOLAR RAD	1.73E-03
TEMP	21
HUMIDITY	143
BAROMETER	1007
WIND SPEED	3
WIND DIRECTION	354



JUN.TRI #24

DATE: JUL 29 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: FOOTBRIDGE AT W END OF WALLACE: 0.06KM & 170DEG / GLIDDEN

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BARMETER
07:10----07:40	4.0E+00 6.7E-03 5	3.1E+00 21 313	7.4E-01 136	9.2E-03 1007
07:16----07:46	3.9E+00 8.4E-03 5	3.0E+00 21 311	7.3E-01 135	1.1E-02 1007
07:22----07:52	4.2E+00 1.0E-02 5	3.4E+00 21 316	7.2E-01 133	1.1E-02 1007
07:28----07:58	4.8E+00 1.2E-02 4	3.9E+00 21 317	7.3E-01 131	1.2E-02 1007
07:34----08:04	5.5E+00 1.4E-02 3	4.6E+00 22 324	7.2E-01 129	1.1E-02 1007
07:40----08:10	6.4E+00 1.5E-02 2	5.5E+00 22 332	7.3E-01 126	1.1E-02 1007
07:46----08:16	6.9E+00 1.6E-02 3	5.9E+00 22 332	7.2E-01 123	1.2E-02 1007
07:52----08:22	7.1E+00 1.7E-02 3	5.8E+00 22 330	7.5E-01 121	1.2E-02 1007
07:58----08:28	7.0E+00 1.9E-02 3	5.9E+00 23 323	8.1E-01 119	1.3E-02 1007
08:04----08:34	6.2E+00 2.0E-02 4	5.2E+00 23 315	7.9E-01 116	1.4E-02 1007
08:10----08:40	5.5E+00 2.2E-02 4	4.6E+00 23 311	7.6E-01 114	1.5E-02 1007
08:16----08:46	4.9E+00 2.3E-02 5	4.1E+00 24 308	7.4E-01 112	1.6E-02 1007

JUN.TRI #24, CONT'D

PAGE 2

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
08:22----08:52	4.2E+00 2.5E-02 5	3.5E+00 24 307	6.8E-01 118	1.7E-02 1007
08:28----08:58	3.7E+00 2.6E-02 4	3.0E+00 24 308	6.0E-01 107	1.7E-02 1007
08:34----09:04	3.9E+00 2.7E-02 4	3.0E+00 25 309	6.0E-01 105	1.7E-02 1007
08:40----09:10	3.9E+00 2.9E-02 3	2.8E+00 25 310	5.9E-01 102	1.9E-02 1007

# STATISTICS

NUMBER OF READINGS 123

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	2.25E+00	1.27E+01	4.91E+00	1.83E+00	4.61E+00	1.41E+00
THC-CH4	1.38E+00	1.41E+01	3.95E+00	1.95E+00	3.60E+00	1.52E+00
CH4	5.57E-01	1.48E+00	7.05E-01	1.46E-01	6.93E-01	1.19E+00
OZONE	1.00E-06	4.50E-02	1.40E-02	9.37E-03	6.45E-03	1.15E+01
SOLAR RAD	3.69E-03	3.43E-02	1.84E-02	8.73E-03	1.57E-02	1.86E+00
TEMP	21	26	23	2		
HUMIDITY	94	138	119	14	118	1
BAROMETER	1007	1007	1007	0	1007	1
WIND SPEED	0	11	4	2	3	3

# MAXIMUM AVERAGE

THC	7.11E+00
THC-CH4	5.92E+00
CH4	8.09E-01
OZONE	1.89E-02
SOLAR RAD	2.87E-02
TEMP	25
HUMIDITY	136
BAROMETER	1007
WIND SPEED	5
WIND DIRECTION	332

JUN.TRI #25

DATE: JUL 29 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: PATON RD., JUST E OF RR; 0.12KM & 120DEG / ANCHOR CAP

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
09:35----10:05	2.8E+00 4.5E-02 0	2.1E+00 27 127	6.6E-01 85	2.8E-02 1007
09:41----10:11	3.1E+00 4.5E-02 0	2.1E+00 28 107	6.8E-01 83	2.9E-02 1007
09:47----10:17	3.4E+00 4.2E-02 1	2.3E+00 28 114	7.2E-01 81	2.7E-02 1007
09:53----10:23	3.3E+00 4.2E-02 1	2.3E+00 28 137	7.2E-01 81	2.5E-02 1007
09:59----10:29	3.2E+00 4.4E-02 1	2.3E+00 28 147	7.2E-01 82	2.4E-02 1007

STATISTICS

NUMBER OF READINGS 59

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	1.84E+00	7.71E+00	2.95E+00	1.18E+00	2.77E+00	1.41E+00
THC-CH4	1.21E+00	6.90E+00	2.17E+00	1.16E+00	1.96E+00	1.54E+00
CH4	5.58E-01	1.10E+00	6.95E-01	1.34E-01	6.84E-01	1.19E+00
OZONE	2.99E-03	4.31E-02	2.48E-02	9.48E-03	2.24E-02	1.68E+00
SOLAR RAD	2.46E-02	5.64E-02	4.48E-02	8.35E-03	4.39E-02	1.23E+00
TEMP	26	30	28	1		
HUMIDITY	75	95	84	4	84	1
BAROMETER	1007	1007	1007	0	1007	1
WIND SPEED	0	8	2	2	1	5

MAXIMUM  
AVERAGE

THC	3.39E+00
THC-CH4	2.32E+00
CH4	7.25E-01
OZONE	2.90E-02
SOLAR RAD	4.55E-02
TEMP	28
HUMIDITY	85
BAROMETER	1007
WIND SPEED	1
WIND DIRECTION	147

JUN.TR1 #26

DATE: JUL 30 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: PATON RD., JUST W OF RR; 0.11KM & 135DEG / ANCHOR CAP

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
06:31----07:01	4.1E+00 4.0E-03 3	2.3E+00 -10 7	2.0E+00 61	6.1E-03 984
06:37----07:07	4.5E+00 5.2E-03 4	2.7E+00 2 347	2.0E+00 84	7.7E-03 994
06:43----07:13	5.4E+00 6.6E-03 5	3.3E+00 14 337	2.1E+00 108	1.0E-02 1000
06:49----07:19	5.8E+00 7.7E-03 5	3.5E+00 19 331	2.0E+00 118	1.1E-02 1000
06:55----07:25	6.4E+00 9.1E-03 4	3.8E+00 19 331	2.0E+00 116	1.2E-02 1000
07:01----07:31	6.8E+00 1.1E-02 4	4.2E+00 19 331	2.1E+00 114	1.3E-02 1000
07:07----07:37	7.0E+00 1.1E-02 4	4.2E+00 20 329	2.0E+00 112	1.4E-02 1000
07:13----07:43	6.6E+00 1.1E-02 4	4.0E+00 20 322	1.9E+00 109	1.5E-02 1000
07:19----07:49	7.3E+00 1.2E-02 5	4.2E+00 20 321	1.9E+00 107	1.5E-02 1000
07:25----07:55	7.1E+00 1.4E-02 6	4.4E+00 20 322	1.9E+00 105	1.5E-02 1000
07:31----08:01	7.1E+00 1.6E-02 7	4.2E+00 20 323	1.8E+00 104	1.4E-02 1000
07:37----08:07	6.8E+00 1.8E-02 7	4.2E+00 20 324	1.8E+00 102	1.5E-02 1000

JUN.TRI #26, CONT'D

PAGE 2

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
07:43----08:13	6.7E+00 2.1E-02 8	4.2E+00 21 326	1.8E+00 100	1.4E-02 1008
07:49----08:19	6.1E+00 2.3E-02 7	4.2E+00 21 330	1.8E+00 99	1.3E-02 1008
07:55----08:25	6.7E+00 2.5E-02 7	4.5E+00 21 329	1.8E+00 98	1.6E-02 1008
08:01----08:31	6.5E+00 2.7E-02 8	4.5E+00 21 333	1.7E+00 96	1.6E-02 1008
08:07----08:37	6.7E+00 2.8E-02 9	4.6E+00 22 335	1.7E+00 95	1.6E-02 1008
08:13----08:43	7.1E+00 3.0E-02 8	4.8E+00 22 338	1.6E+00 94	1.7E-02 1008
08:19----08:49	7.2E+00 3.1E-02 7	4.9E+00 22 337	1.6E+00 92	1.9E-02 1008
08:25----08:55	6.8E+00 3.3E-02 7	4.5E+00 22 338	1.6E+00 90	1.6E-02 1008
08:31----09:01	7.2E+00 3.5E-02 7	4.8E+00 23 334	1.6E+00 89	1.8E-02 1008
08:37----09:07	7.0E+00 3.6E-02 6	4.5E+00 23 332	1.5E+00 87	1.7E-02 1008
08:43----09:13	6.5E+00 3.8E-02 7	4.1E+00 23 329	1.5E+00 85	1.7E-02 1008
08:49----09:19	6.0E+00 4.0E-02 7	3.7E+00 24 328	1.4E+00 84	1.9E-02 1008
08:55----09:25	5.9E+00 4.1E-02 7	3.6E+00 24 326	1.4E+00 82	2.0E-02 1008
09:01----09:31	5.5E+00 4.3E-02 7	3.4E+00 24 323	1.4E+00 81	2.2E-02 1008

JUN.TRI #26, CONT'D

PAGE 3

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
09:07----09:37	5.6E+00 4.4E-02 7	3.6E+00 24 319	1.4E+00 79	2.3E-02 1008
09:13----09:43	5.5E+00 4.6E-02 7	3.6E+00 24 316	1.4E+00 79	2.5E-02 1008
09:19----09:49	5.4E+00 4.7E-02 6	3.3E+00 25 313	1.4E+00 78	2.4E-02 1008
09:25----09:55	4.8E+00 4.8E-02 7	2.9E+00 25 313	1.4E+00 77	2.6E-02 1008
09:31----10:01	4.1E+00 4.7E-02 6	2.4E+00 25 308	1.3E+00 76	2.4E-02 1008
09:37----10:07	3.5E+00 4.9E-02 6	1.8E+00 25 309	1.3E+00 76	2.4E-02 1008
09:43----10:13	3.2E+00 5.0E-02 5	1.7E+00 25 310	1.3E+00 75	2.6E-02 1008

STATISTICS

NUMBER OF READINGS 224

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	2.09E+00	1.67E+01	5.74E+00	2.43E+00	5.31E+00	1.48E+00
THC-CH4	9.36E-01	1.16E+01	3.56E+00	1.67E+00	3.20E+00	1.61E+00
CH4	1.18E+00	2.85E+00	1.67E+00	3.31E-01	1.64E+00	1.21E+00
OZONE	1.70E-05	9.22E-02	1.69E-02	1.30E-02	1.03E-02	4.28E+00
SOLAR RAD	1.53E-03	5.66E-02	2.77E-02	1.68E-02	2.05E-02	2.48E+00
TEMP	-40	26	18	15		
HUMIDITY	0	126	88	28	33	51
BAROMETER	960	1008	1005	12	1005	1
WIND SPEED	0	17	6	3	5	2

MAXIMUM  
AVERAGE

THC	7.27E+00
THC-CH4	4.93E+00
CH4	2.09E+00
OZONE	2.58E-02
SOLAR RAD	5.00E-02
TEMP	25
HUMIDITY	118
BAROMETER	1008
WIND SPEED	9
WIND DIRECTION	347



JUN.TRI #27

DATE: JUL 30 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: 360 WALLACE AVE.; 0.09KM & 120DEG / GLIDDEN

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
11:21----11:51	4.6E+00 6.7E-02 7	3.1E+00 32 302	1.2E+00 49	2.5E-02 1008
11:27----11:57	4.4E+00 6.7E-02 7	2.8E+00 31 300	1.2E+00 49	2.5E-02 1008
11:33----12:03	4.0E+00 6.4E-02 7	2.5E+00 31 304	1.2E+00 50	2.5E-02 1008
11:39----12:09	3.8E+00 6.1E-02 6	2.4E+00 31 310	1.2E+00 50	2.5E-02 1008
11:45----12:15	3.5E+00 6.8E-02 6	2.1E+00 31 312	1.2E+00 50	2.6E-02 1008
11:51----12:21	4.0E+00 6.6E-02 6	2.6E+00 31 318	1.2E+00 49	2.7E-02 1008
11:57----12:27	4.5E+00 6.4E-02 6	2.8E+00 31 326	1.2E+00 49	2.8E-02 1008
12:03----12:33	4.6E+00 6.5E-02 5	2.9E+00 31 322	1.2E+00 49	2.7E-02 1008
12:09----12:39	4.8E+00 6.2E-02 6	3.2E+00 31 323	1.2E+00 49	2.8E-02 1008
12:15----12:45	5.0E+00 5.3E-02 6	3.6E+00 31 322	1.2E+00 49	2.7E-02 1008
12:21----12:51	5.4E+00 5.0E-02 6	3.8E+00 31 323	1.2E+00 49	2.7E-02 1008
12:27----12:57	5.2E+00 5.4E-02 6	3.9E+00 31 321	1.2E+00 49	2.6E-02 1008

JUN.TRI #27, CONT'D

PAGE 2

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
12:33----13:03	5.5E+00 5.5E-02 7	4.1E+00 31 324	1.2E+00 49	2.7E-02 1008
12:39----13:09	5.8E+00 5.6E-02 6	4.2E+00 31 324	1.2E+00 49	2.7E-02 1008
12:45----13:15	5.9E+00 6.5E-02 6	4.1E+00 31 323	1.2E+00 49	2.9E-02 1008
12:51----13:21	5.6E+00 6.8E-02 6	3.8E+00 31 319	1.2E+00 48	2.9E-02 1008
12:57----13:27	5.9E+00 6.0E-02 7	4.0E+00 31 324	1.2E+00 48	3.1E-02 1008
13:03----13:33	5.7E+00 6.0E-02 7	3.9E+00 31 322	1.2E+00 48	3.1E-02 1009
13:09----13:39	5.4E+00 6.7E-02 7	3.6E+00 31 315	1.2E+00 48	3.2E-02 1009

## STATISTICS

NUMBER OF READINGS 138

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	2.00E+00	9.12E+00	4.98E+00	1.60E+00	4.71E+00	1.41E+00
THC-CH4	8.98E-01	7.85E+00	3.37E+00	1.42E+00	3.07E+00	1.56E+00
CH4	1.12E+00	1.53E+00	1.21E+00	8.14E-02	1.21E+00	1.07E+00
OZONE	5.98E-03	5.31E-02	2.76E-02	8.61E-03	2.62E-02	1.41E+00
SOLAR RAD	1.48E-02	9.43E-02	6.33E-02	2.57E-02	5.60E-02	1.73E+00
TEMP	29	33	31	1		
HUMIDITY	44	54	49	2	49	1
BAROMETER	1008	1009	1008	0	1008	1
WIND SPEED	0	18	7	4	6	2

MAXIMUM  
AVERAGE

THC	5.89E+00
THC-CH4	4.16E+00
CH4	1.24E+00
OZONE	3.19E-02
SOLAR RAD	6.79E-02
TEMP	32
HUMIDITY	50
BAROMETER	1009
WIND SPEED	7
WIND DIRECTION	326

JUN.TRI #28

DATE: JUL 30 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: 346 WALLACE AVE.; 0.12KM & 115DEG / GLIDDEN

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
17:43----18:13	3.3E+00 3.8E-02 8	2.4E+00 30 291	8.6E-03 46	2.0E-02 1008
17:49----18:19	3.4E+00 3.6E-02 9	2.4E+00 31 285	8.9E-03 45	2.0E-02 1008
17:55----18:25	3.3E+00 3.4E-02 9	2.6E+00 31 288	8.9E-03 45	2.0E-02 1008
18:01----18:31	3.2E+00 3.2E-02 9	2.7E+00 30 291	8.7E-03 46	2.0E-02 1008
18:07----18:37	3.2E+00 2.7E-02 8	2.7E+00 30 292	8.9E-03 46	2.0E-02 1008
18:13----18:43	3.3E+00 2.1E-02 8	2.7E+00 30 293	9.1E-03 46	2.0E-02 1008
18:19----18:49	3.6E+00 1.5E-02 8	2.9E+00 30 297	9.0E-03 46	2.1E-02 1008
18:25----18:55	3.9E+00 1.1E-02 8	2.9E+00 30 293	8.8E-03 46	2.1E-02 1008
18:31----19:01	4.2E+00 6.4E-03 9	3.0E+00 30 287	8.7E-03 45	2.1E-02 1008
18:37----19:07	4.3E+00 4.4E-03 9	3.1E+00 30 286	8.8E-03 45	2.0E-02 1008
18:43----19:13	4.1E+00 4.0E-03 8	3.0E+00 30 289	8.6E-03 45	2.1E-02 1008
18:49----19:19	3.9E+00 3.9E-03 7	2.7E+00 30 291	8.5E-03 45	2.0E-02 1008

JUN.TRI #28, CONT'D

PAGE 2

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
18:55----19:25	3.7E+00 3.7E-03 6	2.4E+00 29 296	8.8E-03 46	2.0E-02 1008
19:01----19:31	3.5E+00 3.6E-03 6	2.3E+00 29 296	8.5E-03 46	2.0E-02 1008
19:07----19:37	3.3E+00 3.4E-03 6	2.3E+00 29 296	8.3E-03 47	2.0E-02 1008
19:13----19:43	3.3E+00 3.3E-03 6	2.2E+00 29 298	8.5E-03 47	2.0E-02 1008

# STATISTICS

NUMBER OF READINGS 120

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	1.96E+00	9.90E+00	3.53E+00	1.09E+00	3.39E+00	1.31E+00
THC-CH4	1.43E+00	5.76E+00	2.57E+00	8.78E-01	2.44E+00	1.36E+00
CH4	5.01E-03	1.22E-02	8.70E-03	1.66E-03	8.53E-03	1.22E+00
OZONE	1.95E-02	2.16E-02	2.04E-02	4.90E-04	2.04E-02	1.02E+00
SOLAR RAD	2.84E-03	4.17E-02	1.65E-02	1.52E-02	9.61E-03	2.95E+00
TEMP	28	31	30	1		
HUMIDITY	43	53	46	2	46	1
BAROMETER	1008	1008	1008	0	1008	1
WIND SPEED	1	21	8	4	7	2

# MAXIMUM AVERAGE

THC	4.31E+00
THC-CH4	3.06E+00
CH4	9.06E-03
OZONE	2.05E-02
SOLAR RAD	3.75E-02
TEMP	31
HUMIDITY	47
BAROMETER	1008
WIND SPEED	9
WIND DIRECTION	298

JUN.TRI #30

DATE: JUL 30 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: PATON RD., JUST W OF RR; 0.11KM & 135DEG / ANCHOR CAP

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
20:03----20:33	2.9E+00 1.6E-03 4	2.2E+00 26 344	8.5E-03 57	2.0E-02 1009
20:09----20:39	3.0E+00 1.3E-03 4	2.3E+00 26 338	8.0E-03 58	2.0E-02 1009
20:15----20:45	3.0E+00 1.0E-03 3	2.2E+00 26 337	8.1E-03 59	2.0E-02 1009
20:21----20:51	3.0E+00 7.2E-04 3	2.2E+00 26 336	8.2E-03 59	2.0E-02 1009
20:27----20:57	3.0E+00 4.8E-04 3	2.2E+00 26 342	8.0E-03 60	2.0E-02 1009
20:33----21:03	2.7E+00 3.0E-04 2	1.9E+00 26 336	7.9E-03 61	2.0E-02 1009

## STATISTICS

NUMBER OF READINGS 62

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	1.92E+00	7.96E+00	2.76E+00	9.00E-01	2.67E+00	1.28E+00
THC-CH4	1.41E+00	4.52E+00	2.04E+00	6.23E-01	1.98E+00	1.28E+00
CH4	4.94E-03	1.16E-02	8.26E-03	1.68E-03	8.09E-03	1.24E+00
OZONE	1.92E-02	2.15E-02	2.03E-02	5.27E-04	2.03E-02	1.03E+00
SOLAR RAD	8.31E-06	2.36E-03	9.29E-04	7.71E-04	4.71E-04	4.59E+00
TEMP	24	27	26	1		
HUMIDITY	53	63	59	3	59	1
BAROMETER	1009	1009	1009	0	1009	1
WIND SPEED	0	9	3	2	2	2

MAXIMUM  
AVERAGE

THC	3.04E+00
THC-CH4	2.27E+00
CH4	8.46E-03
OZONE	2.04E-02
SOLAR RAD	1.62E-03
TEMP	26
HUMIDITY	61
BAROMETER	1009
WIND SPEED	4
WIND DIRECTION	344

JUN.TRI #31

DATE: JUL 30 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: 360 WALLACE AVE.; 0.09KM & 120DEG / GLIDDEN

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
21:18----21:48	2.7E+00 1.0E-06 1	1.9E+00 28 252	8.3E-03 57	2.0E-02 1010
21:24----21:54	2.7E+00 1.0E-06 1	1.9E+00 28 251	7.9E-03 57	2.0E-02 1010
21:30----22:00	2.6E+00 1.6E-06 1	1.9E+00 28 250	7.3E-03 57	2.0E-02 1010
21:36----22:06	2.7E+00 1.6E-06 1	1.9E+00 28 250	7.4E-03 57	2.0E-02 1010
21:42----22:12	2.7E+00 1.6E-06 1	2.0E+00 28 252	7.7E-03 58	2.0E-02 1010



STATISTICS

NUMBER OF READINGS 57

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	2.10E+00	4.99E+00	2.75E+00	5.12E-01	2.71E+00	1.16E+00
THC-CH4	1.57E+00	3.26E+00	2.00E+00	3.22E-01	1.97E+00	1.16E+00
CH4	4.28E-03	1.11E-02	8.01E-03	1.58E-03	7.83E-03	1.25E+00
OZONE	1.93E-02	2.11E-02	2.02E-02	4.81E-04	2.02E-02	1.02E+00
SOLAR RAD	1.00E-06	1.66E-05	1.33E-06	2.10E-06	1.08E-06	1.51E+00
TEMP	26	28	27	0		
HUMIDITY	54	63	58	2	58	1
BAROMETER	1009	1010	1010	0	1010	1
WIND SPEED	0	3	1	1	1	3

MAXIMUM  
AVERAGE

THC	2.70E+00
THC-CH4	2.01E+00
CH4	8.35E-03
OZONE	2.04E-02
SOLAR RAD	1.63E-06
TEMP	28
HUMIDITY	58
BAROMETER	1010
WIND SPEED	1
WIND DIRECTION	252

JUN.TRI #32

DATE: JUL 31 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: 360 WALLACE AVE. / NACAN & GLIDDEN

TIME	SOLAR RAD WIND SPEED	TEMP WIND DIRECTION	HUMIDITY	BAROMETER
06:22----06:52	3.6E-03 0	19 146	106	1012
06:28----06:58	5.0E-03 0	20 178	103	1012
06:34----07:04	6.7E-03 0	20 176	101	1012
06:40----07:10	8.2E-03 0	20 180	99	1012
06:46----07:16	9.7E-03 1	21 180	97	1012
06:52----07:22	1.1E-02 1	21 183	95	1012
06:58----07:28	1.3E-02 1	21 184	94	1012
07:04----07:34	1.5E-02 1	21 201	93	1012
07:10----07:40	1.6E-02 1	22 216	93	1012
07:16----07:46	1.6E-02 1	22 220	92	1012
07:22----07:52	1.6E-02 1	22 221	92	1012
07:28----07:58	1.7E-02 1	22 229	92	1012
07:34----08:04	1.9E-02 1	22 229	91	1012
07:40----08:10	2.1E-02 1	22 222	90	1012
07:46----08:16	2.3E-02 1	23 208	88	1012
07:52----08:22	2.6E-02 1	23 211	87	1012

JUN.TRI #32, CONT'D

PAGE 2

TIME	SOLAR RAD WIND SPEED	TEMP WIND DIRECTION	HUMIDITY	BAROMETER
07:58----08:28	2.7E-02 2	24 207	85	1012
08:04----08:34	2.8E-02 2	24 209	82	1012
08:10----08:40	2.8E-02 2	25 212	79	1012
08:16----08:46	3.0E-02 2	26 214	75	1012
08:22----08:52	3.1E-02 2	26 211	71	1012
08:28----08:58	3.2E-02 1	27 209	67	1012
08:34----09:04	3.4E-02 2	28 199	63	1012
08:40----09:10	3.6E-02 2	28 193	61	1012
08:46----09:16	3.9E-02 2	29 194	60	1013
08:52----09:22	4.1E-02 3	29 199	59	1013
08:58----09:28	4.1E-02 3	29 202	58	1013
09:04----09:34	4.1E-02 4	29 205	57	1013
09:10----09:40	4.1E-02 4	29 212	57	1012
09:16----09:46	4.1E-02 4	29 213	55	1012
09:22----09:52	4.3E-02 4	29 208	55	1012
09:28----09:58	4.6E-02 4	29 209	54	1012
09:34----10:04	5.0E-02 4	30 211	53	1012
09:40----10:10	5.3E-02 5	30 209	52	1012
09:46----10:16	5.3E-02 5	30 211	51	1012

JUN.TRI #32, CONT'D

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TIME	SOLAR RAD WIND SPEED	TEMP WIND DIRECTION	HUMIDITY	BAROMETER
09:52----10:22	5.2E-02 6	30 218	51	1012
09:58----10:28	5.2E-02 6	30 216	52	1012
10:04----10:34	5.1E-02 6	29 215	53	1012
10:10----10:40	5.1E-02 6	29 211	54	1012
10:16----10:46	5.2E-02 5	29 208	55	1012
10:22----10:52	5.4E-02 5	29 202	55	1012
10:28----10:58	5.4E-02 6	29 203	55	1012

# STATISTICS

NUMBER OF READINGS 276

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
SOLAR RAD	1.07E-03	6.18E-02	3.14E-02	1.77E-02	2.36E-02	2.55E+00
TEMP	18	31	25	4		
HUMIDITY	47	114	74	20	71	1
BAROMETER	1012	1014	1012	0	1012	1
WIND SPEED	0	12	3	3	1	5

## MAXIMUM AVERAGE

SOLAR RAD	5.44E-02
TEMP	30
HUMIDITY	106
BAROMETER	1013
WIND SPEED	6
WIND DIRECTION	229

JUN.TRI #33

DATE: JUL 31 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: 196 SYMINGTON AVE.; 0.26KM & 310DEG / GENERAL (ANCHOR CAP)

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
18:35----19:05	3.1E+00 8.3E-03 6	1.8E+00 29 111	2.9E-01 66	3.7E-02 998
18:41----19:11	3.3E+00 8.0E-03 6	1.9E+00 29 105	3.1E-01 67	3.8E-02 998
18:47----19:17	3.1E+00 7.6E-03 7	1.8E+00 29 108	3.1E-01 68	4.0E-02 998
18:53----19:23	3.0E+00 7.0E-03 7	1.9E+00 29 113	3.2E-01 68	3.9E-02 998
18:59----19:29	2.9E+00 6.3E-03 7	1.9E+00 28 116	3.2E-01 68	4.0E-02 998
19:05----19:35	3.0E+00 5.8E-03 6	1.8E+00 28 118	3.1E-01 68	3.9E-02 998
19:11----19:41	2.9E+00 5.3E-03 5	1.9E+00 28 126	3.2E-01 67	3.8E-02 998
19:17----19:47	2.9E+00 4.8E-03 5	1.9E+00 28 125	3.3E-01 67	3.8E-02 998
19:23----19:53	2.9E+00 4.4E-03 5	1.9E+00 28 124	3.5E-01 67	3.6E-02 995
19:29----19:59	2.8E+00 4.0E-03 5	1.9E+00 28 123	3.6E-01 67	3.6E-02 998

STATISTICS

NUMBER OF READINGS 88

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	2.07E+00	8.09E+00	2.96E+00	1.06E+00	2.83E+00	1.33E+00
THC-CH4	1.35E+00	3.71E+00	1.83E+00	5.46E-01	1.77E+00	1.28E+00
CH4	2.16E-01	5.58E-01	3.23E-01	7.85E-02	3.15E-01	1.25E+00
OZONE	2.40E-02	4.95E-02	3.76E-02	5.45E-03	3.71E-02	1.16E+00
SOLAR RAD	2.91E-03	9.36E-03	5.96E-03	1.99E-03	5.62E-03	1.42E+00
TEMP	27	30	28	1		
HUMIDITY	63	71	67	1	67	1
BAROMETER	998	998	998	0	998	1
WIND SPEED	1	18	6	3	6	2

MAXIMUM  
AVERAGE

THC	3.28E+00
THC-CH4	1.89E+00
CH4	3.58E-01
OZONE	3.97E-02
SOLAR RAD	8.31E-03
TEMP	29
HUMIDITY	68
BAROMETER	998
WIND SPEED	7
WIND DIRECTION	126

JUN.TRI #34

DATE: JUL 31 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: 301 CAMPBELL AVE.; 0.99KM @ 310DEG / ANCHOR CAP

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
20:43----21:13	3.3E+00 5.1E-05 4	1.9E+00 25 95	3.2E-01 82	3.2E-02 998
20:49----21:19	3.3E+00 2.3E-05 5	1.9E+00 25 100	3.1E-01 81	3.3E-02 998
20:55----21:25	3.1E+00 1.1E-05 5	1.8E+00 25 102	2.8E-01 81	3.6E-02 998
21:01----21:31	3.2E+00 7.6E-06 5	1.8E+00 25 103	2.8E-01 81	3.8E-02 998
21:07----21:37	3.2E+00 5.9E-06 5	1.8E+00 25 109	2.7E-01 81	4.0E-02 998
21:13----21:43	3.4E+00 6.4E-06 5	2.1E+00 25 112	3.2E-01 81	4.0E-02 998
21:19----21:49	3.4E+00 6.9E-06 5	2.2E+00 26 102	3.3E-01 80	4.0E-02 998
21:25----21:55	3.4E+00 7.4E-06 5	2.2E+00 26 100	3.3E-01 81	3.9E-02 998
21:31----22:01	3.3E+00 6.0E-06 5	2.2E+00 26 99	3.2E-01 81	4.0E-02 998
21:37----22:07	3.3E+00 7.1E-06 5	2.2E+00 26 98	3.1E-01 82	3.8E-02 998
21:43----22:13	2.9E+00 7.6E-06 6	1.8E+00 26 99	2.5E-01 83	3.8E-02 998
21:49----22:19	3.0E+00 8.4E-06 6	2.0E+00 26 105	2.5E-01 84	3.9E-02 998

JUN.TRI #34, CONT'D

PAGE 2

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
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STATISTICS

NUMBER OF READINGS 98

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	2.25E+00	7.25E+00	3.21E+00	1.02E+00	3.08E+00	1.31E+00
THC-CH4	1.40E+00	5.24E+00	2.02E+00	6.91E-01	1.93E+00	1.31E+00
CH4	1.32E-01	7.32E-01	2.96E-01	1.07E-01	2.80E-01	1.37E+00
OZONE	1.50E-02	5.00E-02	3.71E-02	7.19E-03	3.63E-02	1.24E+00
SOLAR RAD	1.00E-06	1.83E-04	2.04E-05	3.62E-05	6.88E-06	4.47E+00
TEMP	25	26	26	0		
HUMIDITY	78	88	82	2	82	1
BAROMETER	997	998	998	0	998	1
WIND SPEED	1	12	6	3	5	2

MAXIMUM  
AVERAGE

THC	3.44E+00
THC-CH4	2.22E+00
CH4	3.26E-01
OZONE	4.03E-02
SOLAR RAD	5.07E-05
TEMP	26
HUMIDITY	84
BAROMETER	998
WIND SPEED	6
WIND DIRECTION	112



JUN.TRI #35

DATE: AUG 1 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: #741 LANDSDOWN AVE // TTC BARNS

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
06:39----07:09	5.6E+00 3.4E-03 0	3.5E+00 23 44	1.7E+00 123	9.4E-03 995
06:45----07:15	5.4E+00 4.3E-03 0	3.5E+00 23 42	1.7E+00 121	9.1E-03 995
06:51----07:21	5.5E+00 5.3E-03 0	3.5E+00 23 52	1.7E+00 120	9.2E-03 995
06:57----07:27	5.3E+00 5.8E-03 0	3.6E+00 23 64	1.8E+00 119	9.8E-03 995
07:03----07:33	5.0E+00 6.2E-03 0	3.3E+00 23 65	1.7E+00 118	1.1E-02 995
07:09----07:39	5.1E+00 6.7E-03 0	3.3E+00 24 66	1.7E+00 115	1.0E-02 995

JUN.TRI #35 CONT'D

STATISTICS

NUMBER OF READINGS 63

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	3.06E+00	1.45E+01	5.38E+00	1.94E+00	5.12E+00	1.35E+00
THC-CH4	1.67E+00	9.35E+00	3.47E+00	1.33E+00	3.27E+00	1.41E+00
CH4	1.41E+00	2.46E+00	1.73E+00	1.83E-01	1.72E+00	1.11E+00
OZONE	1.00E-06	5.71E-02	9.91E-03	1.10E-02	2.41E-03	1.61E+01
SOLAR RAD	1.63E-03	8.30E-03	5.15E-03	2.10E-03	4.64E-03	1.63E+00
TEMP	23	25	23	1		
HUMIDITY	103	126	118	6	118	1
BAROMETER	995	995	995	0	995	1
WIND SPEED	0	1	0	0	0	2

MAXIMUM  
AVERAGE

THC	5.61E+00
THC-CH4	3.60E+00
CH4	1.75E+00
OZONE	1.06E-02
SOLAR RAD	6.67E-03
TEMP	24
HUMIDITY	123
BAROMETER	995
WIND SPEED	0
WIND DIRECTION	66

JUN.TRI #37

DATE: AUG 1 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: DUNDAS & COLLEGE STS., NEAR GAS STATION / GENERAL

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
09:00----09:30	4.5E+00 2.1E-02 2	2.5E+00 26 218	1.5E+00 98	1.3E-02 996
09:06----09:36	4.5E+00 2.0E-02 2	2.6E+00 27 224	1.6E+00 96	1.3E-02 996
09:12----09:42	4.5E+00 2.0E-02 1	2.6E+00 27 247	1.6E+00 94	1.3E-02 996
09:18----09:48	4.4E+00 1.8E-02 1	2.5E+00 27 255	1.7E+00 92	1.1E-02 996
09:24----09:54	5.2E+00 1.7E-02 1	2.5E+00 27 251	1.6E+00 92	1.1E-02 996
09:30----10:00	4.8E+00 1.8E-02 1	2.4E+00 27 248	1.6E+00 91	9.4E-03 996

STATISTICS

NUMBER OF READINGS 60

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	3.01E+00	1.82E+01	4.67E+00	2.40E+00	4.31E+00	1.43E+00
THC-CH4	1.59E+00	6.16E+00	2.49E+00	8.91E-01	2.37E+00	1.36E+00
CH4	1.25E+00	4.91E+00	1.55E+00	5.97E-01	1.50E+00	1.26E+00
OZONE	1.00E-06	3.31E-02	1.14E-02	7.87E-03	7.17E-03	5.93E-03
SOLAR RAD	1.14E-02	3.45E-02	1.98E-02	4.97E-03	1.92E-02	1.28E+00
TEMP	25	28	27	1		
HUMIDITY	86	105	95	6	95	1
BAROMETER	996	996	996	0	996	1
WIND SPEED	0	8	2	2	1	3

MAXIMUM  
AVERAGE

THC	5.18E+00
THC-CH4	2.58E+00
CH4	1.66E+00
OZONE	1.34E-02
SOLAR RAD	2.14E-02
TEMP	27
HUMIDITY	98
BAROMETER	996
WIND SPEED	2
WIND DIRECTION	255

JUN.TRI #1

DATE: JUL 17 1980  
 SCAN TIME: 90 SEC  
 AVERAGING TIME: 60 MIN  
 LOCATION: GALLERIA; DUPONT & DUFFERIN /GENERAL

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
10:23-----11:23	2.1E+00 4.5E-02 14	1.2E+00 29 317	6.8E-01 69	5.4E-02 1003
10:26-----11:26	2.1E+00 4.6E-02 14	1.2E+00 29 319	6.9E-01 69	5.4E-02 1003
10:29-----11:29	2.1E+00 4.8E-02 14	1.2E+00 29 320	6.9E-01 68	5.4E-02 1003
10:32-----11:32	2.1E+00 4.9E-02 14	1.2E+00 30 321	6.9E-01 68	5.5E-02 1003
10:35-----11:35	2.1E+00 4.9E-02 14	1.2E+00 30 321	7.0E-01 67	5.5E-02 1003
10:38-----11:38	2.1E+00 4.8E-02 14	1.2E+00 30 322	7.0E-01 67	5.5E-02 1003
10:41-----11:41	2.1E+00 4.9E-02 14	1.2E+00 30 321	7.0E-01 66	5.4E-02 1003
10:44-----11:44	2.1E+00 4.9E-02 14	1.2E+00 30 321	7.1E-01 66	5.5E-02 1003
10:47-----11:47	2.1E+00 4.9E-02 14	1.2E+00 30 322	7.1E-01 65	5.5E-02 1003
10:50-----11:50	2.1E+00 4.9E-02 14	1.2E+00 30 324	7.2E-01 65	5.5E-02 1003
10:53-----11:53	2.1E+00 5.0E-02 14	1.2E+00 30 324	7.2E-01 64	5.5E-02 1003
10:56-----11:56	2.1E+00 5.2E-02 14	1.2E+00 30 325	7.3E-01 64	4.9E-02 1003

JUN.TRI #1, CONT'D

PAGE 2

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
10:59----11:59	2.1E+00 5.5E-02 15	1.2E+00 30 326	7.4E-01 63	4.9E-02 1003
11:02----12:02	2.1E+00 5.7E-02 15	1.2E+00 31 327	7.4E-01 63	5.0E-02 1003
11:05----12:05	2.1E+00 5.9E-02 15	1.2E+00 31 329	7.4E-01 62	5.0E-02 1003
11:08----12:08	2.1E+00 6.0E-02 16	1.2E+00 31 332	7.5E-01 61	5.0E-02 1003
11:11----12:11	2.1E+00 6.2E-02 16	1.2E+00 31 334	7.5E-01 60	5.0E-02 1003
11:14----12:14	2.0E+00 6.4E-02 16	1.2E+00 31 334	7.5E-01 59	5.1E-02 1003
11:17----12:17	2.0E+00 6.4E-02 16	1.2E+00 32 335	7.6E-01 58	4.2E-02 1003
11:20----12:20	2.0E+00 6.4E-02 16	1.2E+00 32 334	7.7E-01 57	4.2E-02 1003
11:23----12:23	2.0E+00 6.4E-02 16	1.2E+00 32 334	7.7E-01 56	4.2E-02 1004
11:26----12:26	2.0E+00 6.3E-02 16	1.1E+00 32 335	7.7E-01 56	4.2E-02 1004
11:29----12:29	2.0E+00 6.1E-02 16	1.1E+00 32 334	7.7E-01 56	4.2E-02 1004
11:32----12:32	2.0E+00 6.1E-02 16	1.1E+00 32 332	7.7E-01 56	4.2E-02 1004
11:35----12:35	2.0E+00 6.3E-02 16	1.1E+00 32 331	7.7E-01 56	4.3E-02 1004
11:38----12:38	2.0E+00 6.3E-02 17	1.1E+00 32 330	7.7E-01 56	4.3E-02 1004

JUN.TRI #1, CONT'D

PAGE 3

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
11:41----12:41	2.0E+00 6.5E-02 17	1.1E+00 32 329	7.7E-01 56	4.3E-02 1004
11:44----12:44	2.0E+00 6.7E-02 16	1.1E+00 32 330	7.7E-01 56	4.3E-02 1004
11:47----12:47	2.0E+00 6.9E-02 16	1.1E+00 32 330	7.7E-01 55	4.3E-02 1004
11:50----12:50	2.0E+00 6.7E-02 16	1.1E+00 32 330	7.7E-01 55	4.3E-02 1004

# STATISTICS

NUMBER OF READINGS 98

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	1.31E+00	3.82E+00	2.06E+00	2.99E-01	2.04E+00	1.14E+00
THC-CH4	7.20E-01	1.55E+00	1.18E+00	1.47E-01	1.17E+00	1.14E+00
CH4	3.44E-01	8.20E-01	7.30E-01	6.55E-02	7.26E-01	1.12E+00
OZONE	3.07E-02	4.06E-01	4.74E-02	4.45E-02	4.28E-02	1.37E+00
SOLAR RAD	1.00E-06	8.82E-02	5.58E-02	2.12E-02	4.67E-02	3.23E+00
TEMP	28	33	31	2		
HUMIDITY	45	77	62	8	61	1
BAROMETER	982	1004	1003	2	1003	1
WIND SPEED	7	28	15	4	15	1

## MAXIMUM AVERAGE

THC	2.13E+00
THC-CH4	1.24E+00
CH4	7.70E-01
OZONE	5.50E-02
SOLAR RAD	6.85E-02
TEMP	32
HUMIDITY	69
BAROMETER	1004
WIND SPEED	17
WIND DIRECTION	335

JUN.TRI #2

DATE: JUL 17 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 60 MIN  
 LOCATION: 75M W OF RR ON PATON RD.; 0.09KM & 175DEG / ANCHOR CAP

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BARONETER
18:05----19:05	4.5E+00 2.1E-02 8	2.9E+00 29 7	9.2E-01 67	3.6E-02 1006
18:08----19:08	4.5E+00 2.0E-02 8	2.9E+00 29 8	9.2E-01 67	3.6E-02 1006
18:11----19:11	4.6E+00 1.9E-02 8	2.9E+00 29 9	9.3E-01 67	3.6E-02 1006
18:14----19:14	4.6E+00 1.9E-02 9	3.0E+00 29 8	9.2E-01 67	3.5E-02 1006
18:17----19:17	4.6E+00 1.8E-02 9	3.0E+00 29 6	9.2E-01 67	3.5E-02 1006
18:20----19:20	4.7E+00 1.8E-02 8	3.1E+00 28 8	9.2E-01 67	3.6E-02 1006
18:23----19:23	4.8E+00 1.8E-02 9	3.1E+00 28 11	9.2E-01 67	3.5E-02 1006
18:26----19:26	4.9E+00 1.7E-02 9	3.1E+00 28 13	9.2E-01 67	3.6E-02 1006
18:29----19:29	5.0E+00 1.7E-02 9	3.3E+00 28 15	9.3E-01 68	3.5E-02 1006
18:32----19:32	5.2E+00 1.7E-02 9	3.4E+00 28 18	9.4E-01 67	3.5E-02 1006
18:35----19:35	5.3E+00 1.6E-02 9	3.5E+00 28 18	9.5E-01 67	3.5E-02 1006
18:38----19:38	5.3E+00 1.6E-02 9	3.5E+00 28 18	9.5E-01 67	3.4E-02 1006



JUN.TRI #2, CONT'D

PAGE 2

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
18:41----19:41	5.0E+00 1.5E-02 9	3.3E+00 28 17	9.5E-01 67	3.3E-02 1006
18:44----19:44	4.8E+00 1.4E-02 9	3.2E+00 28 17	9.4E-01 67	3.4E-02 1006
18:47----19:47	4.5E+00 1.3E-02 9	3.1E+00 28 18	9.5E-01 68	3.3E-02 1006
18:50----19:50	4.5E+00 1.3E-02 9	3.0E+00 28 21	9.6E-01 68	3.3E-02 1006
18:53----19:53	4.5E+00 1.2E-02 9	3.0E+00 28 22	9.7E-01 68	3.2E-02 1006
18:56----19:56	4.3E+00 1.2E-02 9	2.8E+00 28 22	9.6E-01 68	3.1E-02 1007
18:59----19:59	4.2E+00 1.1E-02 9	2.7E+00 28 22	9.6E-01 69	3.1E-02 1007
19:02----20:02	4.2E+00 1.0E-02 8	2.7E+00 27 22	9.7E-01 69	3.0E-02 1007
19:05----20:05	4.2E+00 9.7E-03 8	2.7E+00 27 23	9.8E-01 69	3.0E-02 1007
19:08----20:08	4.2E+00 8.9E-03 8	2.6E+00 27 25	9.8E-01 70	2.9E-02 1007
19:11----20:11	4.1E+00 8.3E-03 8	2.7E+00 27 26	9.8E-01 70	2.9E-02 1007
19:14----20:14	4.1E+00 7.7E-03 8	2.6E+00 27 26	9.9E-01 70	2.9E-02 1007
19:17----20:17	4.1E+00 7.1E-03 8	2.6E+00 27 26	1.0E+00 71	2.8E-02 1007
19:20----20:20	4.0E+00 6.6E-03 8	2.5E+00 27 27	1.0E+00 71	2.8E-02 1007

JUN.TRI #2, CONT'D

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TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
19:23-----20:23	3.9E+00 6.2E-03 7	2.5E+00 26 25	1.0E+00 71	2.8E-02 1007
19:26-----20:26	3.8E+00 5.8E-03 7	2.4E+00 26 23	1.0E+00 72	2.7E-02 1007
19:29-----20:29	3.7E+00 5.2E-03 7	2.3E+00 26 23	1.0E+00 72	2.8E-02 1007
19:32-----20:32	3.6E+00 4.7E-03 7	2.2E+00 26 20	9.9E-01 72	2.7E-02 1007
19:35-----20:35	3.5E+00 4.2E-03 7	2.2E+00 26 19	9.8E-01 73	2.7E-02 1007
19:38-----20:38	3.5E+00 3.7E-03 6	2.2E+00 26 16	9.8E-01 73	2.7E-02 1007
19:41-----20:41	3.5E+00 3.3E-03 6	2.2E+00 26 16	9.8E-01 74	2.7E-02 1007
19:44-----20:44	3.6E+00 2.9E-03 6	2.2E+00 26 14	9.9E-01 75	2.7E-02 1007
19:47-----20:47	3.8E+00 2.5E-03 6	2.4E+00 26 12	9.9E-01 75	2.7E-02 1007
19:50-----20:50	4.0E+00 2.3E-03 6	2.5E+00 26 11	9.9E-01 76	2.7E-02 1007
19:53-----20:53	4.2E+00 2.1E-03 6	2.6E+00 25 8	9.8E-01 76	2.8E-02 1007
19:56-----20:56	4.4E+00 1.9E-03 6	2.8E+00 25 8	9.8E-01 77	2.9E-02 1007

STATISTICS

NUMBER OF READINGS 173

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	1.95E+00	1.38E+01	4.39E+00	1.96E+00	4.05E+00	1.48E+00
THC-CH4	1.19E+00	7.07E+00	2.82E+00	1.31E+00	2.56E+00	1.54E+00
CH4	7.88E-01	1.64E+00	9.55E-01	1.16E-01	9.49E-01	1.12E+00
OZONE	2.47E-03	9.25E-02	3.15E-02	1.15E-02	2.94E-02	1.49E+00
SOLAR RAD	2.87E-04	3.48E-02	1.12E-02	9.89E-03	6.32E-03	3.49E+00
TEMP	24	30	27	2		
HUMIDITY	62	83	71	5	71	1
BAROMETER	1006	1007	1007	0	1007	1
WIND SPEED	2	24	9	4	8	2

MAXIMUM  
AVERAGE

THC	5.33E+00
THC-CH4	3.49E+00
CH4	1.00E+00
OZONE	3.59E-02
SOLAR RAD	2.11E-02
TEMP	29
HUMIDITY	77
BAROMETER	1007
WIND SPEED	9
WIND DIRECTION	27

JUN.TRI #3

DATE: JUL 18 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 60 MIN  
 LOCATION: WARD ST & WALLACE AVE; 0.19KM & 040DEG /ANCHOR CAP

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
13:05----14:05	2.4E+00 7.1E-02 7	1.4E+00 30 200	7.6E-01 49	2.4E-02 1014
13:08----14:08	2.3E+00 7.0E-02 7	1.4E+00 30 198	7.6E-01 49	2.4E-02 1014
13:11----14:11	2.3E+00 7.0E-02 7	1.4E+00 30 197	7.6E-01 49	2.3E-02 1014
13:14----14:14	2.3E+00 7.0E-02 7	1.4E+00 30 196	7.6E-01 48	2.3E-02 1014
13:17----14:17	2.3E+00 7.0E-02 7	1.4E+00 30 196	7.6E-01 48	2.3E-02 1014
13:20----14:20	2.3E+00 6.9E-02 7	1.4E+00 30 196	7.6E-01 49	2.2E-02 1014
13:23----14:23	2.2E+00 6.9E-02 7	1.4E+00 30 195	7.7E-01 49	2.2E-02 1014
13:26----14:26	2.2E+00 6.8E-02 7	1.4E+00 30 195	7.7E-01 49	2.2E-02 1014
13:29----14:29	2.2E+00 6.8E-02 7	1.4E+00 30 194	7.7E-01 49	2.2E-02 1014
13:32----14:32	2.2E+00 6.8E-02 7	1.4E+00 30 194	7.7E-01 49	2.2E-02 1014
13:35----14:35	2.2E+00 6.8E-02 7	1.3E+00 30 194	7.7E-01 49	2.1E-02 1013
13:38----14:38	2.2E+00 6.7E-02 7	1.3E+00 30 193	7.7E-01 49	2.2E-02 1013

JUN.TRI #3, CONT'D

PAGE 4

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
13:41----14:41	2.2E+00 6.7E-02 7	1.3E+00 30 192	7.7E-01 49	2.1E-02 1013
13:44----14:44	2.2E+00 6.7E-02 7	1.3E+00 30 192	7.8E-01 49	2.2E-02 1013
13:47----14:47	2.2E+00 6.6E-02 7	1.3E+00 30 194	7.8E-01 49	2.2E-02 1013
13:50----14:50	2.2E+00 6.3E-02 7	1.3E+00 30 193	7.8E-01 49	2.2E-02 1013

# STATISTICS

NUMBER OF READINGS 105

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	1.66E+00	4.03E+00	2.22E+00	4.52E-01	2.18E+00	1.20E+00
THC-CH4	8.55E-01	2.96E+00	1.35E+00	4.04E-01	1.38E+00	1.30E+00
CH4	7.18E-01	9.47E-01	7.70E-01	4.01E-02	7.69E-01	1.05E+00
OZONE	1.15E-02	4.06E-02	2.33E-02	5.70E-03	2.26E-02	1.29E+00
SOLAR RAD	9.00E-03	8.06E-02	6.95E-02	1.57E-02	6.56E-02	1.53E+00
TEMP	30	31	30	0		
HUMIDITY	45	51	49	1	49	1
BAROMETER	1013	1014	1013	0	1013	1
WIND SPEED	1	14	7	3	7	2

## MAXIMUM AVERAGE

THC	2.36E+00
THC-CH4	1.44E+00
CH4	7.78E-01
OZONE	2.40E-02
SOLAR RAD	7.15E-02
TEMP	30
HUMIDITY	49
BAROMETER	1014
WIND SPEED	7
WIND DIRECTION	200

JUN.TRI #4

DATE: JUL 18 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 60 MIN  
 LOCATION: MACAULAY & PERTH; 0.16KM & 060DEG / GLIDDEN TANK FARM

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
15:19----16:19	4.4E+00 6.6E-02 4	2.7E+00 33 212	1.0E+00 39	2.7E-02 1014
15:22----16:22	4.3E+00 6.6E-02 4	2.6E+00 34 212	1.0E+00 39	2.8E-02 1014
15:25----16:25	4.1E+00 6.5E-02 4	2.5E+00 34 212	9.9E-01 39	2.8E-02 1014
15:28----16:28	4.2E+00 6.5E-02 3	2.6E+00 34 211	1.0E+00 38	2.8E-02 1014

STATISTICS

NUMBER OF READINGS 69

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	1.86E+00	1.88E+01	4.36E+00	3.19E+00	3.60E+00	1.77E+00
THC-CH4	1.01E+00	1.10E+01	2.71E+00	2.17E+00	2.16E+00	1.89E+00
CH4	7.74E-01	1.90E+00	1.02E+00	2.70E-01	9.87E-01	1.26E+00
OZONE	9.50E-06	9.28E-02	2.74E-02	1.56E-02	2.12E-02	3.09E+00
SOLAR RAD	5.56E-02	7.24E-02	6.53E-02	3.65E-03	6.52E-02	1.06E+00
TEMP	31	35	34	1		
HUMIDITY	34	56	39	4	39	1
BAROMETER	1013	1014	1014	0	1014	1
WIND SPEED	0	11	4	3	3	2

MAXIMUM  
AVERAGE

THC	4.39E+00
THC-CH4	2.66E+00
CH4	1.01E+00
OZONE	2.83E-02
SOLAR RAD	6.60E-02
TEMP	34
HUMIDITY	39
BAROMETER	1014
WIND SPEED	4
WIND DIRECTION	212

JUN.TRI #5

DATE: JUL 21 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 60 MIN  
 LOCATION: 30 MACAULAY ST.; 0.06KM & 030DEG / GLIDDEN TANK FARM

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
12:25----13:25	4.4E+00 4.7E-02 1	3.0E+00 33 26	7.4E-01 67	6.1E-02 1011
12:28----13:28	4.6E+00 4.7E-02 1	3.2E+00 33 27	7.5E-01 66	6.1E-02 1011
12:31----13:31	4.4E+00 4.7E-02 1	3.1E+00 33 27	7.5E-01 66	6.1E-02 1011
12:34----13:34	4.5E+00 4.6E-02 1	3.2E+00 33 28	7.6E-01 66	6.2E-02 1011
12:37----13:37	4.7E+00 4.7E-02 1	3.2E+00 33 28	7.7E-01 66	6.2E-02 1011
12:40----13:40	4.9E+00 4.8E-02 1	3.4E+00 33 27	7.7E-01 65	6.2E-02 1011
12:43----13:43	5.1E+00 4.9E-02 1	3.5E+00 33 29	7.7E-01 65	6.3E-02 1010
12:46----13:46	5.2E+00 5.0E-02 1	3.6E+00 33 32	7.8E-01 65	6.2E-02 1010
12:49----13:49	5.2E+00 5.0E-02 1	3.6E+00 33 32	7.8E-01 64	6.2E-02 1010
12:52----13:52	5.3E+00 5.0E-02 1	3.7E+00 33 32	7.9E-01 64	6.2E-02 1010
12:55----13:55	5.3E+00 5.0E-02 1	3.8E+00 33 31	7.9E-01 64	6.1E-02 1010
12:58----13:58	5.3E+00 5.1E-02 1	3.7E+00 34 30	7.9E-01 63	6.1E-02 1010



JUN.TRI #5, CONT'D

PAGE 2

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
13:01----14:01	5.5E+00 5.0E-02 1	4.2E+00 34 29	8.2E-01 63	6.1E-02 1010
13:04----14:04	5.3E+00 4.9E-02 1	4.2E+00 34 29	8.4E-01 63	6.0E-02 1010
13:07----14:07	5.4E+00 4.9E-02 1	4.2E+00 34 27	8.4E-01 62	6.1E-02 1010
13:10----14:10	5.3E+00 4.7E-02 1	4.3E+00 34 28	8.4E-01 62	6.0E-02 1010
13:13----14:13	5.3E+00 4.8E-02 1	4.2E+00 34 23	8.4E-01 62	6.0E-02 1010
13:16----14:16	5.3E+00 4.9E-02 1	4.2E+00 34 24	8.4E-01 62	6.0E-02 1010
13:19----14:19	5.2E+00 4.8E-02 1	4.2E+00 34 28	8.4E-01 62	6.0E-02 1010
13:22----14:22	5.3E+00 4.6E-02 1	4.3E+00 34 28	8.5E-01 62	5.9E-02 1010
13:25----14:25	5.3E+00 4.4E-02 1	4.5E+00 34 28	8.6E-01 62	5.9E-02 1010
13:28----14:28	5.1E+00 4.5E-02 1	4.3E+00 34 25	8.5E-01 62	5.9E-02 1010
13:31----14:31	5.2E+00 4.5E-02 1	4.3E+00 33 26	8.5E-01 62	5.9E-02 1010
13:34----14:34	5.3E+00 4.3E-02 1	4.4E+00 33 24	8.5E-01 62	5.8E-02 1010
13:37----14:37	5.2E+00 4.1E-02 1	4.4E+00 33 29	8.4E-01 62	5.7E-02 1010
13:40----14:40	5.0E+00 3.8E-02 1	4.2E+00 33 32	8.4E-01 63	5.7E-02 1010

JUN.TRI #5, CONT'D

PAGE 3

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
13:43-----14:43	5.0E+00 3.6E-02 1	4.3E+00 33 30	8.6E-01 63	5.6E-02 1010
13:46-----14:46	4.9E+00 3.4E-02 1	4.3E+00 33 30	8.6E-01 63	5.6E-02 1010
13:49-----14:49	4.9E+00 3.1E-02 1	4.3E+00 33 31	8.6E-01 63	5.6E-02 1010
13:52-----14:52	4.9E+00 2.8E-02 1	4.2E+00 33 33	8.5E-01 63	5.6E-02 1010
13:55-----14:55	4.8E+00 2.6E-02 1	4.2E+00 33 36	8.6E-01 64	5.6E-02 1010
13:58-----14:58	4.8E+00 2.3E-02 1	4.1E+00 33 40	8.5E-01 64	5.6E-02 1010
14:01-----15:01	4.6E+00 2.2E-02 1	3.7E+00 32 37	8.2E-01 64	5.6E-02 1010
14:04-----15:04	4.7E+00 2.3E-02 1	3.5E+00 32 37	8.1E-01 65	5.6E-02 1010
14:07-----15:07	4.8E+00 2.4E-02 1	3.6E+00 32 40	8.4E-01 65	5.5E-02 1010
14:10-----15:10	5.3E+00 2.6E-02 1	3.9E+00 32 40	8.8E-01 65	5.4E-02 1010

JUN.TRI #5 CONT'D

STATISTICS

NUMBER OF READINGS 167

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	2.06E+00	2.03E+01	5.00E+00	2.83E+00	4.45E+00	1.59E+00
THC-CH4	1.28E+00	2.27E+01	3.71E+00	2.98E+00	3.06E+00	1.77E+00
CH4	6.66E-01	2.42E+00	8.23E-01	2.42E-01	8.00E-01	1.25E+00
OZONE	1.00E-06	1.12E-01	5.77E-02	1.20E-02	5.34E-02	2.38E+00
SOLAR RAD	3.52E-03	6.87E-02	3.98E-02	1.99E-02	3.15E-02	2.26E+00
TEMP	31	35	33	1		
HUMIDITY	56	71	64	3	64	1
BAROMETER	1010	1011	1010	0	1010	1
WIND SPEED	0	5	1	1	1	5

MAXIMUM  
AVERAGE

THC	5.45E+00
THC-CH4	4.45E+00
CH4	8.77E-01
OZONE	6.26E-02
SOLAR RAD	5.10E-02
TEMP	34
HUMIDITY	67
BAROMETER	1011
WIND SPEED	1
WIND DIRECTION	40

JUN.TRI #7

DATE: JUL 21 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 60 MIN  
 LOCATION: 360 WALLACE AVE.; 0.07KM & 130DEG / GLIDDEN TANK FARM

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
17:29----18:29	5.5E+00 2.4E-02 6	4.4E+00 36 329	9.6E-01 52	3.9E-02 1008
17:32----18:32	5.4E+00 2.3E-02 6	4.3E+00 36 329	9.6E-01 52	3.9E-02 1008
17:35----18:35	5.2E+00 2.2E-02 6	4.3E+00 36 328	9.7E-01 52	3.9E-02 1008
17:38----18:38	5.0E+00 2.1E-02 6	4.3E+00 36 327	9.9E-01 52	3.8E-02 1008
17:41----18:41	5.0E+00 2.0E-02 6	4.3E+00 35 326	1.0E+00 52	3.8E-02 1008
17:44----18:44	4.9E+00 2.0E-02 6	4.3E+00 35 326	1.0E+00 51	3.7E-02 1008
17:47----18:47	4.9E+00 1.8E-02 5	3.9E+00 35 327	9.9E-01 51	3.7E-02 1008
17:50----18:50	4.8E+00 1.7E-02 6	3.5E+00 35 324	9.8E-01 51	3.6E-02 1008
17:53----18:53	4.8E+00 1.7E-02 5	3.4E+00 35 325	9.8E-01 51	3.5E-02 1008
17:56----18:56	4.5E+00 1.5E-02 5	3.2E+00 35 324	9.8E-01 51	3.5E-02 1008
17:59----18:59	4.3E+00 1.3E-02 5	3.0E+00 35 325	9.8E-01 51	3.5E-02 1008
18:02----19:02	4.2E+00 1.2E-02 5	2.9E+00 35 325	9.9E-01 51	3.4E-02 1008

JUN.TRI #7, CONT'D

PAGE 2

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
18:05----19:05	4.2E+00 1.0E-02 5	2.9E+00 35 325	9.9E-01 51	3.4E-02 1009
18:08----19:08	4.1E+00 9.1E-03 5	2.9E+00 35 324	1.0E+00 52	3.4E-02 1009
18:11----19:11	4.0E+00 8.6E-03 4	2.9E+00 34 321	1.0E+00 52	3.3E-02 1009
18:14----19:14	4.0E+00 8.2E-03 4	2.9E+00 34 320	1.0E+00 52	3.3E-02 1009
18:17----19:17	4.0E+00 7.1E-03 4	3.1E+00 34 321	1.0E+00 52	3.3E-02 1009
18:20----19:20	4.1E+00 5.8E-03 4	3.2E+00 34 321	1.0E+00 53	3.2E-02 1009
18:23----19:23	4.1E+00 5.5E-03 4	3.2E+00 34 320	1.0E+00 53	3.2E-02 1009
18:26----19:26	4.2E+00 5.3E-03 4	3.3E+00 34 318	1.1E+00 53	3.1E-02 1009
18:29----19:29	4.4E+00 5.1E-03 4	3.4E+00 34 315	1.1E+00 54	3.1E-02 1009
18:32----19:32	4.5E+00 4.8E-03 4	3.6E+00 34 315	1.1E+00 54	3.0E-02 1009
18:35----19:35	4.6E+00 4.5E-03 4	3.7E+00 34 314	1.1E+00 54	3.1E-02 1009
18:38----19:38	4.6E+00 4.1E-03 4	3.7E+00 34 316	1.1E+00 54	3.0E-02 1009
18:41----19:41	4.6E+00 3.7E-03 4	3.6E+00 34 315	1.1E+00 55	3.0E-02 1009
18:44----19:44	4.6E+00 3.4E-03 4	3.6E+00 34 315	1.1E+00 55	3.0E-02 1009

JUN.TRI #7, CONT'D

PAGE 3

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
18:47----19:47	4.6E+00 3.1E-03 4	3.6E+00 34 316	1.1E+00 55	2.9E-02 1009
18:50----19:50	4.6E+00 2.9E-03 4	3.7E+00 34 316	1.1E+00 55	2.9E-02 1009
18:53----19:53	4.6E+00 2.7E-03 4	3.7E+00 33 315	1.1E+00 56	2.8E-02 1009
18:56----19:56	4.7E+00 2.6E-03 4	3.8E+00 33 315	1.1E+00 56	2.7E-02 1009
18:59----19:59	4.8E+00 2.4E-03 4	3.9E+00 33 316	1.1E+00 56	2.7E-02 1009
19:02----20:02	4.9E+00 2.2E-03 4	4.0E+00 33 317	1.1E+00 57	2.6E-02 1009
19:05----20:05	5.0E+00 2.1E-03 4	4.1E+00 33 319	1.1E+00 57	2.5E-02 1009
19:08----20:08	5.3E+00 2.0E-03 4	4.2E+00 33 320	1.1E+00 57	2.4E-02 1009
19:11----20:11	5.5E+00 1.8E-03 4	4.3E+00 33 321	1.1E+00 58	2.3E-02 1009
19:14----20:14	5.6E+00 1.8E-03 4	4.3E+00 33 323	1.1E+00 58	2.3E-02 1009
19:17----20:17	5.7E+00 1.7E-03 4	4.2E+00 33 323	1.2E+00 58	2.4E-02 1009
19:20----20:20	5.7E+00 1.6E-03 4	4.2E+00 33 325	1.2E+00 58	2.4E-02 1009
19:23----20:23	5.7E+00 1.5E-03 4	4.3E+00 33 325	1.2E+00 59	2.3E-02 1009
19:26----20:26	5.6E+00 1.4E-03 4	4.2E+00 33 325	1.1E+00 59	2.3E-02 1009

JUN.TRI #7, CONT'D

PAGE 4

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
19:29-----20:29	5.5E+00 1.3E-03 5	4.2E+00 33 326	1.1E+00 59	2.4E-02 1009
19:32-----20:32	5.5E+00 1.2E-03 4	4.1E+00 33 326	1.1E+00 60	2.3E-02 1009
19:35-----20:35	5.6E+00 1.2E-03 5	4.1E+00 33 327	1.1E+00 60	2.2E-02 1009
19:38-----20:38	5.8E+00 1.1E-03 5	4.0E+00 33 327	1.1E+00 60	2.3E-02 1009
19:41-----20:41	5.8E+00 1.0E-03 5	4.1E+00 33 328	1.1E+00 61	2.2E-02 1009
19:44-----20:44	5.7E+00 9.7E-04 5	4.0E+00 33 328	1.1E+00 61	2.1E-02 1009
19:47-----20:47	5.7E+00 9.1E-04 5	4.0E+00 33 328	1.1E+00 62	2.1E-02 1009
19:50-----20:50	5.6E+00 8.4E-04 5	4.0E+00 33 326	1.1E+00 62	2.0E-02 1009
19:53-----20:53	5.5E+00 7.6E-04 5	3.9E+00 33 329	1.1E+00 62	2.0E-02 1009

STATISTICS

NUMBER OF READINGS 204

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	2.59E+00	1.62E+01	5.13E+00	2.17E+00	4.78E+00	1.43E+00
THC-CH4	1.42E+00	2.10E+01	3.93E+00	2.43E+00	3.47E+00	1.59E+00
CH4	8.09E-01	2.28E+00	1.06E+00	2.61E-01	1.03E+00	1.23E+00
OZONE	1.00E-06	9.31E-02	2.95E-02	1.39E-02	2.10E-02	5.32E+00
SOLAR RAD	1.12E-04	3.93E-02	8.87E-03	1.14E-02	3.47E-03	4.55E+00
TEMP	32	36	34	1		
HUMIDITY	48	66	56	5	56	1
BAROMETER	1008	1009	1009	0	1009	1
WIND SPEED	0	13	5	3	4	3

MAXIMUM  
AVERAGE

THC	5.79E+00
THC-CH4	4.42E+00
CH4	1.16E+00
OZONE	3.90E-02
SOLAR RAD	2.36E-02
TEMP	36
HUMIDITY	62
BAROMETER	1009
WIND SPEED	6
WIND DIRECTION	329



JUN.TRI #8

DATE: JUL 21 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 60 MIN  
 LOCATION: PATON RD., JUST W OF RR; 0.11KM @ 135DEG / ANCHOR CAP

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
21:13----22:13	3.6E+00 1.3E-06 6	2.4E+00 28 325	8.2E-01 86	3.0E-02 1009
21:16----22:16	3.5E+00 1.3E-06 6	2.3E+00 28 325	8.1E-01 87	3.0E-02 1009
21:19----22:19	3.5E+00 1.3E-06 6	2.2E+00 28 322	8.1E-01 87	3.1E-02 1009
21:22----22:22	3.6E+00 1.3E-06 5	2.4E+00 28 320	8.3E-01 88	3.2E-02 1009
21:25----22:25	3.7E+00 1.2E-06 5	2.4E+00 28 318	8.2E-01 88	3.2E-02 1009
21:28----22:28	3.7E+00 1.2E-06 5	2.6E+00 28 318	8.2E-01 88	3.2E-02 1009
21:31----22:31	3.6E+00 1.2E-06 5	2.5E+00 28 318	8.2E-01 88	3.2E-02 1009
21:34----22:34	3.6E+00 1.2E-06 4	2.5E+00 28 317	8.1E-01 88	3.2E-02 1009
21:37----22:37	3.6E+00 1.2E-06 4	2.5E+00 28 315	8.1E-01 89	3.2E-02 1009
21:40----22:40	3.6E+00 1.2E-06 4	2.6E+00 28 314	8.0E-01 89	3.1E-02 1009
21:43----22:43	3.6E+00 1.4E-06 3	2.5E+00 28 314	8.0E-01 89	3.1E-02 1009
21:46----22:46	3.5E+00 1.4E-06 3	2.5E+00 28 313	7.9E-01 89	3.0E-02 1009

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
21:49----22:49	3.5E+00 1.4E-06 3	2.5E+00 28 315	7.8E-01 90	3.0E-02 1009
21:52----22:52	3.4E+00 1.4E-06 3	2.4E+00 28 315	7.8E-01 90	3.0E-02 1009
21:55----22:55	3.2E+00 1.5E-06 3	2.3E+00 28 318	7.7E-01 90	2.9E-02 1009
21:58----22:58	3.2E+00 1.6E-06 3	2.3E+00 28 319	7.6E-01 90	2.8E-02 1009

STATISTICS

NUMBER OF READINGS 105

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	1.80E+00	7.58E+00	3.50E+00	1.43E+00	3.26E+00	1.45E+00
THC-CH4	1.15E+00	1.14E+01	2.42E+00	1.45E+00	2.15E+00	1.58E+00
CH4	6.19E-01	2.37E+00	7.94E-01	1.75E-01	7.83E-01	1.16E+00
OZONE	2.45E-03	1.10E-01	2.89E-02	1.23E-02	2.67E-02	1.54E+00
SOLAR RAD	1.00E-06	1.25E-05	1.43E-06	1.64E-06	1.16E-06	1.64E+00
TEMP	27	29	28	0		
HUMIDITY	82	94	88	3	88	1
BAROMETER	1009	1010	1009	0	1009	1
WIND SPEED	0	16	5	4	4	2

MAXIMUM  
AVERAGE

THC	3.70E+00
THC-CH4	2.59E+00
CH4	8.26E-01
OZONE	3.23E-02
SOLAR RAD	1.59E-06
TEMP	28
HUMIDITY	90
BAROMETER	1009
WIND SPEED	6
WIND DIRECTION	325

JUN.TRI #9

DATE: JUL 22 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 60 MIN  
 LOCATION: 360 WALLACE AVE.; 0.06KM & 015DEG / NACAN

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
20:47----21:47	3.9E+00 8.2E-05 1	2.1E+00 26 277	1.2E+00 100	9.1E-03 1007
20:50----21:50	3.5E+00 7.0E-05 1	2.1E+00 26 277	1.2E+00 100	7.8E-03 1007
20:53----21:53	3.4E+00 5.8E-05 1	2.0E+00 26 278	1.2E+00 100	7.8E-03 1007
20:56----21:56	3.4E+00 4.1E-05 1	2.1E+00 26 277	1.3E+00 100	7.9E-03 1007
20:59----21:59	3.5E+00 2.3E-05 1	2.1E+00 26 277	1.3E+00 100	7.7E-03 1007
21:02----22:02	3.5E+00 1.3E-05 1	2.1E+00 26 277	1.3E+00 100	7.6E-03 1007

STATISTICS

NUMBER OF READINGS 75

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	2.19E+00	1.65E+01	3.72E+00	2.30E+00	3.34E+00	1.52E+00
THC-CH4	1.12E+00	7.67E+00	2.09E+00	1.29E+00	1.85E+00	1.56E+00
CH4	1.01E+00	3.93E+00	1.24E+00	4.03E-01	1.20E+00	1.25E+00
OZONE	1.00E-06	5.61E-02	8.06E-03	1.07E-02	9.85E-04	4.13E+01
SOLAR RAD	1.00E-06	3.99E-04	6.58E-05	1.14E-04	6.27E-06	1.07E+01
TEMP	20	26	26	1		
HUMIDITY	100	100	100	0	100	1
BAROMETER	1006	1007	1007	0	1007	1
WIND SPEED	0	5	1	1	0	4

MAXIMUM  
AVERAGE

THC	3.85E+00
THC-CH4	2.10E+00
CH4	1.26E+00
OZONE	9.10E-03
SOLAR RAD	8.20E-05
TEMP	26
HUMIDITY	100
BAROMETER	1007
WIND SPEED	1
WIND DIRECTION	278

JUN.TRI #11

DATE: JUL 23 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 60 MIN  
 LOCATION: MAIN ENTRANCE TO GLIDDEN ON WALLACE; 0.09KM & 120DEG / GLIDDEN

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
01:14----02:14	3.1E+00 1.0E-06 1	1.9E+00 21 284	1.0E+00 0	9.4E-03 1007
01:17----02:17	3.0E+00 1.0E-06 1	1.9E+00 21 283	1.0E+00 0	9.2E-03 1007
01:20----02:20	3.0E+00 1.0E-06 1	1.9E+00 21 283	1.0E+00 0	9.3E-03 1007
01:23----02:23	3.0E+00 1.0E-06 1	1.9E+00 21 284	1.0E+00 0	9.2E-03 1007
01:26----02:26	3.1E+00 1.0E-06 1	1.9E+00 21 283	1.0E+00 0	9.1E-03 1007
01:29----02:29	3.0E+00 1.0E-06 1	1.9E+00 21 282	1.0E+00 0	9.1E-03 1007
01:32----02:32	3.1E+00 1.0E-06 1	1.9E+00 21 281	1.0E+00 0	8.9E-03 1007
01:35----02:35	3.0E+00 1.0E-06 1	1.8E+00 21 280	1.0E+00 0	8.2E-03 1007
01:38----02:38	2.9E+00 1.0E-06 1	1.7E+00 21 277	1.0E+00 0	7.8E-03 1007
01:41----02:41	2.9E+00 1.0E-06 1	1.7E+00 21 274	1.0E+00 0	7.6E-03 1007
01:44----02:44	2.7E+00 1.0E-06 1	1.6E+00 21 273	1.0E+00 0	6.8E-03 1007
01:47----02:47	2.7E+00 1.0E-06 1	1.5E+00 21 272	1.0E+00 0	6.9E-03 1007

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
01:50----02:50	2.6E+00 1.0E-06 1	1.4E+00 20 272	1.0E+00 0	6.6E-03 1007
01:53----02:53	2.5E+00 1.0E-06 1	1.4E+00 20 271	1.0E+00 0	6.4E-03 1007

STATISTICS

NUMBER OF READINGS 99

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	1.93E+00	5.90E+00	2.82E+00	7.67E-01	2.74E+00	1.27E+00
THC-CH4	1.04E+00	6.37E+00	1.70E+00	8.60E-01	1.57E+00	1.43E+00
CH4	9.69E-01	1.36E+00	1.04E+00	5.93E-02	1.04E+00	1.05E+00
OZONE	1.00E-06	4.31E-02	7.55E-03	7.73E-03	4.17E-03	5.41E+00
SOLAR RAD	1.00E-06	1.00E-06	1.00E-06	0.00E+00	1.00E-06	1.00E+0
TEMP	20	22	21	1		
HUMIDITY	0	0	0	0	0	1
BAROMETER	1007	1008	1007	0	1007	1
WIND SPEED	0	3	1	1	0	4

MAXIMUM  
AVERAGE

THC	3.06E+00
THC-CH4	1.94E+00
CH4	1.04E+00
OZONE	9.38E-03
SOLAR RAD	1.00E-06
TEMP	21
HUMIDITY	0
BAROMETER	1007
WIND SPEED	1
WIND DIRECTION	284

JUN.TRI #12

DATE: JUL 23 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 60 MIN  
 LOCATION: PATON RD., JUST W OF RR; 0.11KM & 135DEG / ANCHOR CAP

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
03:38----04:38	3.0E+00 4.6E-06 6	1.9E+00 19 326	1.0E+00 0	1.0E-02 1007
03:44----04:44	3.0E+00 3.0E-06 6	1.9E+00 19 327	1.0E+00 0	9.7E-03 1007
03:50----04:50	3.0E+00 1.4E-06 6	1.8E+00 19 327	1.0E+00 0	9.6E-03 1007
03:56----04:56	3.0E+00 1.0E-06 6	1.8E+00 19 326	1.0E+00 0	9.2E-03 1007
04:02----05:02	3.0E+00 1.0E-06 5	1.8E+00 19 327	1.0E+00 0	8.6E-03 1007
04:08----05:08	3.0E+00 1.0E-06 5	1.8E+00 19 328	1.0E+00 0	8.2E-03 1007
04:14----05:14	2.9E+00 1.0E-06 5	1.8E+00 19 328	1.0E+00 0	8.3E-03 1007
04:20----05:20	2.8E+00 1.0E-06 5	1.7E+00 19 329	1.0E+00 0	8.3E-03 1007
04:26----05:26	2.7E+00 1.0E-06 5	1.6E+00 19 329	1.0E+00 0	8.3E-03 1007
04:32----05:32	2.6E+00 1.0E-06 5	1.5E+00 19 328	1.0E+00 0	8.1E-03 1007
04:38----05:38	2.6E+00 1.0E-06 5	1.5E+00 19 329	1.1E+00 0	8.4E-03 1007
04:44----05:44	2.5E+00 1.9E-06 6	1.4E+00 19 328	1.1E+00 0	8.5E-03 1007

JUN.TRI #12, CONT'D

PAGE 2

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETR
04:50----05:50	2.5E+00 7.1E-06 6	1.3E+00 19 328	1.1E+00 0	8.3E-03 1007
04:56----05:56	2.5E+00 2.3E-05 6	1.3E+00 19 326	1.1E+00 0	8.1E-03 1007
05:02----06:02	2.6E+00 5.5E-05 6	1.4E+00 19 326	1.2E+00 0	8.1E-03 1007
05:08----06:08	2.7E+00 1.1E-04 6	1.4E+00 19 326	1.2E+00 0	9.1E-03 1007
05:14----06:14	2.9E+00 1.9E-04 7	1.5E+00 19 325	1.3E+00 0	7.7E-03 1007
05:20----06:20	2.9E+00 3.0E-04 7	1.5E+00 18 325	1.3E+00 0	7.6E-03 1007
05:26----06:26	3.0E+00 4.5E-04 7	1.6E+00 19 325	1.3E+00 0	7.8E-03 1007
05:32----06:32	3.0E+00 6.5E-04 8	1.6E+00 19 326	1.3E+00 0	7.8E-03 1008
05:38----06:38	3.0E+00 9.2E-04 8	1.6E+00 19 327	1.3E+00 0	7.6E-03 1008
05:44----06:44	3.0E+00 1.3E-03 9	1.6E+00 19 328	1.3E+00 0	8.2E-03 1008
05:50----06:50	3.1E+00 1.8E-03 9	1.6E+00 19 328	1.4E+00 0	8.8E-03 1008
05:56----06:56	3.1E+00 2.4E-03 9	1.6E+00 19 330	1.4E+00 0	8.9E-03 1008
06:02----07:02	3.0E+00 3.1E-03 9	1.6E+00 19 332	1.3E+00 0	9.3E-03 1008
06:08----07:08	2.9E+00 3.9E-03 9	1.5E+00 19 333	1.3E+00 0	1.0E-02 1008



JUN.TRI #12, CONT'D

PAGE 3

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
06:14----07:14	2.8E+00 4.8E-03 9	1.5E+00 19 333	1.3E+00 0	1.1E-02 1008
06:20----07:20	3.0E+00 5.8E-03 9	1.7E+00 19 334	1.3E+00 0	1.2E-02 1008
06:26----07:26	3.0E+00 6.4E-03 9	1.7E+00 19 336	1.3E+00 0	1.2E-02 1008
06:32----07:32	3.1E+00 7.3E-03 9	1.7E+00 19 336	1.3E+00 0	1.3E-02 1008
06:38----07:38	3.2E+00 8.4E-03 9	1.8E+00 20 335	1.3E+00 0	1.4E-02 1008
06:44----07:44	3.2E+00 9.6E-03 8	1.8E+00 20 336	1.2E+00 0	1.4E-02 1008
06:50----07:50	3.3E+00 1.0E-02 8	1.9E+00 20 336	1.2E+00 0	1.4E-02 1008
06:56----07:56	3.8E+00 1.1E-02 8	2.3E+00 20 334	1.2E+00 0	1.6E-02 1008
07:02----08:02	3.9E+00 1.2E-02 8	2.4E+00 20 332	1.2E+00 0	1.7E-02 1008
07:08----08:08	4.0E+00 1.4E-02 8	2.5E+00 20 332	1.2E+00 0	1.7E-02 1008
07:14----08:14	4.1E+00 1.5E-02 8	2.6E+00 20 331	1.2E+00 0	1.8E-02 1009
07:20----08:20	4.1E+00 1.6E-02 8	2.6E+00 20 329	1.2E+00 0	1.7E-02 1009
07:26----08:26	4.2E+00 1.8E-02 8	2.6E+00 21 328	1.1E+00 0	1.7E-02 1009
07:32----08:32	4.2E+00 2.0E-02 8	2.6E+00 21 327	1.1E+00 0	1.7E-02 1009

-JUN.TRI #12, CONT'D

PAGE 4

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
07:38----08:38	4.4E+00 2.2E-02 8	2.8E+00 21 326	1.2E+00 0	1.7E-02 1009
07:44----08:44	4.4E+00 2.3E-02 8	2.8E+00 21 326	1.2E+00 0	1.7E-02 1009
07:50----08:50	4.3E+00 2.5E-02 8	2.8E+00 21 326	1.1E+00 0	1.8E-02 1009
07:56----08:56	4.1E+00 2.7E-02 7	2.6E+00 22 330	1.1E+00 0	1.7E-02 1009

# STATISTICS

NUMBER OF READINGS 321

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	2.05E+00	1.03E+01	3.27E+00	1.14E+00	3.12E+00	1.33E+00
THC-CH4	1.05E+00	8.17E+00	1.93E+00	9.04E-01	1.79E+00	1.44E+00
CH4	9.32E-01	1.93E+00	1.16E+00	2.00E-01	1.14E+00	1.17E+00
OZONE	1.00E-06	6.81E-02	1.19E-02	8.34E-03	8.39E-03	3.91E+00
SOLAR RAD	1.00E-06	3.98E-02	7.97E-03	1.10E-02	2.32E-04	7.39E+01
TEMP	18	24	20	1		
HUMIDITY	0	0	0	0	0	1
BAROMETER	1007	1009	1008	1	1008	1
WIND SPEED	0	19	8	3	7	2

## MAXIMUM AVERAGE

THC	4.41E+00
THC-CH4	2.82E+00
CH4	1.37E+00
OZONE	1.77E-02
SOLAR RAD	2.72E-02
TEMP	22
HUMIDITY	0
BAROMETER	1009
WIND SPEED	9
WIND DIRECTION	336

JUN.TRI #13

DATE: JUL 23 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 60 MIN  
 LOCATION: 115 PATON RD.; 0.09KM & 175DEG / ANCHOR CAP

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
14:40----15:40	4.0E+00 4.9E-02 6	2.5E+00 30 340	1.2E+00 0	2.6E-02 1009
14:43----15:43	3.9E+00 4.9E-02 6	2.4E+00 30 340	1.2E+00 0	2.6E-02 1009
14:46----15:46	3.8E+00 5.0E-02 6	2.3E+00 30 342	1.2E+00 0	2.6E-02 1009
14:49----15:49	3.8E+00 5.2E-02 6	2.3E+00 30 342	1.2E+00 0	2.6E-02 1009
14:52----15:52	3.8E+00 5.3E-02 6	2.3E+00 30 341	1.2E+00 0	2.6E-02 1009
14:55----15:55	3.7E+00 5.5E-02 5	2.3E+00 31 339	1.2E+00 0	2.6E-02 1009
14:58----15:58	3.6E+00 5.7E-02 6	2.1E+00 31 337	1.2E+00 0	2.6E-02 1009
15:01----16:01	3.5E+00 5.9E-02 6	2.0E+00 31 336	1.1E+00 0	2.6E-02 1009
15:04----16:04	3.4E+00 5.9E-02 6	1.9E+00 31 335	1.1E+00 0	2.6E-02 1009
15:07----16:07	3.1E+00 6.1E-02 6	1.8E+00 31 331	1.1E+00 0	2.6E-02 1009
15:10----16:10	3.1E+00 6.0E-02 6	1.7E+00 31 329	1.1E+00 0	2.6E-02 1009
15:13----16:13	3.1E+00 6.0E-02 6	1.7E+00 31 330	1.1E+00 0	2.7E-02 1009

JUN.TRI #13, CONT'D

PAGE 2

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
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STATISTICS

NUMBER OF READINGS 93

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	1.93E+00	1.19E+01	3.57E+00	1.72E+00	3.27E+00	1.49E+00
THC-CH4	8.95E-01	9.70E+00	2.17E+00	1.43E+00	1.87E+00	1.68E+00
CH4	9.64E-01	2.02E+00	1.18E+00	2.00E-01	1.16E+00	1.17E+00
OZONE	8.41E-03	6.65E-02	2.63E-02	9.51E-03	2.48E-02	1.41E+00
SOLAR RAD	1.31E-02	7.82E-02	5.26E-02	1.98E-02	4.73E-02	1.67E+00
TEMP	28	32	30	1		
HUMIDITY	0	0	0	0	0	1
BAROMETER	1009	1009	1009	0	1009	1
WIND SPEED	0	15	7	4	6	2

MAXIMUM  
AVERAGE

THC	3.99E+00
THC-CH4	2.49E+00
CH4	1.23E+00
OZONE	2.66E-02
SOLAR RAD	6.07E-02
TEMP	31
HUMIDITY	0
BAROMETER	1009
WIND SPEED	6
WIND DIRECTION	342

JUN.TRI #15

DATE: JUL 23 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 60 MIN  
 LOCATION: 119 PATON RD.; 0.10KM & 185DEG / ANCHOR CAP

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
19:16----20:16	3.5E+00 7.9E-03 5	1.9E+00 28 349	1.3E+00 38	1.9E-02 1010
19:19----20:19	3.5E+00 7.5E-03 5	1.9E+00 27 351	1.3E+00 41	1.9E-02 1010
19:22----20:22	3.6E+00 7.3E-03 5	1.9E+00 27 348	1.3E+00 42	1.9E-02 1010
19:25----20:25	3.6E+00 7.2E-03 5	1.8E+00 27 350	1.3E+00 46	1.8E-02 1010
19:28----20:28	3.6E+00 6.8E-03 5	1.8E+00 27 349	1.3E+00 49	1.9E-02 1010
19:31----20:31	3.5E+00 6.1E-03 5	1.8E+00 27 347	1.3E+00 51	1.8E-02 1010
19:34----20:34	3.5E+00 5.6E-03 5	1.8E+00 27 351	1.2E+00 52	1.9E-02 1010
19:37----20:37	3.4E+00 5.0E-03 6	1.9E+00 27 356	1.2E+00 52	1.9E-02 1011
19:40----20:40	3.4E+00 4.5E-03 6	1.9E+00 27 355	1.2E+00 52	1.8E-02 1011
19:43----20:43	3.5E+00 4.0E-03 6	1.9E+00 27 355	1.2E+00 53	1.7E-02 1011
19:46----20:46	3.5E+00 3.6E-03 6	1.9E+00 26 353	1.2E+00 53	1.7E-02 1011
19:49----20:49	3.5E+00 3.1E-03 6	1.9E+00 26 354	1.2E+00 54	1.6E-02 1011

JUN.TRI #15, CONT'D

PAGE 2

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
19:52----20:52	3.5E+00 2.7E-03 6	2.0E+00 26 352	1.2E+00 54	1.6E-02 1011
19:55----20:55	3.5E+00 2.3E-03 5	2.0E+00 26 352	1.2E+00 55	1.6E-02 1011
19:58----20:58	3.5E+00 2.0E-03 5	2.0E+00 26 351	1.2E+00 55	1.6E-02 1011
20:01----21:01	3.5E+00 1.7E-03 5	2.0E+00 26 352	1.2E+00 56	1.7E-02 1011
20:04----21:04	3.3E+00 1.4E-03 4	2.0E+00 25 350	1.2E+00 56	1.6E-02 1011
20:07----21:07	3.3E+00 1.1E-03 4	2.0E+00 25 353	1.2E+00 57	1.6E-02 1011
20:10----21:10	3.3E+00 8.6E-04 4	2.0E+00 25 353	1.2E+00 57	1.6E-02 1011
20:13----21:13	3.3E+00 7.4E-04 4	2.0E+00 25 355	1.2E+00 57	1.6E-02 1011
20:16----21:16	3.2E+00 5.7E-04 4	2.0E+00 25 355	1.2E+00 58	1.5E-02 1011
20:19----21:19	3.2E+00 4.3E-04 4	2.0E+00 25 354	1.2E+00 58	1.5E-02 1011
20:22----21:22	3.1E+00 3.6E-04 4	1.9E+00 25 354	1.2E+00 58	1.4E-02 1011
20:25----21:25	3.2E+00 3.0E-04 4	2.0E+00 25 356	1.2E+00 59	1.5E-02 1011
20:28----21:28	3.2E+00 2.5E-04 4	2.0E+00 24 357	1.2E+00 59	1.4E-02 1011
20:31----21:31	3.2E+00 2.0E-04 4	2.0E+00 24 358	1.2E+00 59	1.4E-02 1011

JUN.TRI #15, CONT'D

PAGE 3

TIME	THC SOLR RRD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
20:34-----21:34	3.2E+00 1.7E-04 3	2.0E+00 24 357	1.2E+00 60	1.3E-02 1011
20:37-----21:37	3.2E+00 1.3E-04 3	1.9E+00 24 357	1.2E+00 60	1.4E-02 1011
20:40-----21:40	3.3E+00 1.0E-04 3	2.0E+00 24 357	1.2E+00 61	1.4E-02 1011
20:43-----21:43	3.2E+00 8.0E-05 3	2.0E+00 24 359	1.2E+00 61	1.4E-02 1011
20:46-----21:46	3.2E+00 5.9E-05 3	2.0E+00 24 0	1.2E+00 61	1.4E-02 1011
20:49-----21:49	3.2E+00 4.3E-05 3	2.0E+00 23 0	1.2E+00 61	1.4E-02 1011
20:52-----21:52	3.6E+00 3.0E-05 2	2.0E+00 23 7	1.2E+00 61	1.5E-02 1011
20:55-----21:55	3.7E+00 2.0E-05 3	2.2E+00 23 7	1.2E+00 61	1.5E-02 1011
20:58-----21:58	3.7E+00 1.2E-05 3	2.2E+00 23 9	1.2E+00 62	1.4E-02 1012
21:01-----22:01	3.8E+00 7.1E-06 3	2.2E+00 23 7	1.2E+00 62	1.3E-02 1012
21:04-----22:04	3.8E+00 4.1E-06 3	2.3E+00 23 7	1.2E+00 62	1.3E-02 1012

JUN.TRI #15 CONT'D

STATISTICS

NUMBER OF READINGS 169

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	2.12E+00	1.61E+01	3.54E+00	1.77E+00	3.30E+00	1.40E+00
THC-CH4	9.85E-01	6.38E+00	2.03E+00	9.72E-01	1.86E+00	1.47E+00
CH4	1.00E+00	1.85E+00	1.24E+00	1.26E-01	1.23E+00	1.10E+00
OZONE	1.00E-06	6.31E-02	1.60E-02	1.10E-02	1.02E-02	5.65E+00
SOLAR RAD	1.00E-06	1.35E-02	3.00E-03	4.16E-03	1.59E-04	4.09E+01
TEMP	22	28	25	2		
HUMIDITY	0	66	52	17	33	6
BAROMETER	1010	1012	1011	1	1011	1
WIND SPEED	0	19	5	4	4	3

MAXIMUM  
AVERAGE

THC	3.79E+00
THC-CH4	2.25E+00
CH4	1.28E+00
OZONE	1.91E-02
SOLAR RAD	7.87E-03
TEMP	28
HUMIDITY	62
BAROMETER	1012
WIND SPEED	6
WIND DIRECTION	359



JUN.TRI #16

DATE: JUL 24 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 60 MIN  
 LOCATION: FOOTBRIDGE AT W END OF WALLACE: 0.06KM & 170DEG / GLIDDEN

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
05:51----06:51	7.4E+00 1.0E-06 2	5.6E+00 16 324	1.4E+00 109	7.6E-03 1013
05:54----06:54	7.5E+00 1.0E-06 2	5.6E+00 16 325	1.4E+00 109	7.6E-03 1013
05:57----06:57	7.5E+00 1.0E-06 2	5.6E+00 16 324	1.4E+00 109	8.1E-03 1013
06:00----07:00	7.3E+00 1.0E-06 2	5.5E+00 16 323	1.4E+00 109	7.9E-03 1013
06:03----07:03	7.3E+00 1.1E-06 2	5.4E+00 16 324	1.4E+00 109	8.4E-03 1013
06:06----07:06	7.3E+00 1.1E-06 2	5.4E+00 16 324	1.4E+00 109	8.7E-03 1013
06:09----07:09	7.4E+00 1.1E-06 3	5.5E+00 17 324	1.4E+00 109	8.7E-03 1013
06:12----07:12	7.4E+00 1.1E-06 3	5.4E+00 17 325	1.4E+00 109	9.0E-03 1013
06:15----07:15	7.2E+00 1.1E-06 3	5.4E+00 17 324	1.4E+00 108	9.2E-03 1013
06:18----07:18	7.0E+00 1.2E-06 3	5.2E+00 17 328	1.4E+00 108	9.9E-03 1013
06:21----07:21	6.7E+00 1.5E-06 3	4.9E+00 17 327	1.4E+00 107	8.9E-03 1013
06:24----07:24	6.7E+00 2.3E-06 3	4.8E+00 17 328	1.4E+00 107	9.2E-03 1013

JUN.TRI #16, CONT'D

PAGE 2

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
06:27-----07:27	6.6E+00 2.9E-06 3	4.7E+00 17 330	1.4E+00 106	9.7E-03 1013
06:30-----07:30	6.6E+00 3.5E-06 3	4.7E+00 17 330	1.4E+00 105	9.7E-03 1013
06:33-----07:33	6.5E+00 3.6E-06 3	4.7E+00 17 330	1.3E+00 105	1.0E-02 1013
06:36-----07:36	6.5E+00 4.0E-06 4	4.6E+00 17 328	1.3E+00 104	9.9E-03 1013
06:39-----07:39	6.3E+00 4.5E-06 4	4.5E+00 17 328	1.3E+00 103	1.0E-02 1013
06:42-----07:42	6.2E+00 5.2E-06 4	4.4E+00 17 329	1.3E+00 103	1.1E-02 1013
06:45-----07:45	6.2E+00 5.6E-06 4	4.4E+00 17 330	1.3E+00 102	1.1E-02 1013
06:48-----07:48	6.2E+00 6.2E-06 4	4.5E+00 18 331	1.3E+00 101	1.1E-02 1013
06:51-----07:51	6.3E+00 7.0E-06 4	4.6E+00 18 333	1.3E+00 100	1.2E-02 1013
06:54-----07:54	6.5E+00 7.7E-06 4	4.7E+00 18 333	1.3E+00 99	1.2E-02 1014
06:57-----07:57	6.6E+00 8.7E-06 4	4.9E+00 18 334	1.3E+00 98	1.2E-02 1014
07:00-----08:00	6.8E+00 9.6E-06 4	5.0E+00 18 336	1.3E+00 97	1.2E-02 1014
07:03-----08:03	6.9E+00 1.1E-05 4	5.1E+00 18 336	1.3E+00 96	1.1E-02 1014
07:06-----08:06	6.8E+00 1.2E-05 4	5.0E+00 18 334	1.3E+00 95	1.1E-02 1014

JUN.TRI #16, CONT'D

PAGE 3

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
07:09----08:09	6.5E+00 1.2E-05 4	4.7E+00 18 332	1.3E+00 94	1.2E-02 1014
07:12----08:12	6.5E+00 1.3E-05 4	4.7E+00 19 332	1.3E+00 93	1.2E-02 1014
07:15----08:15	6.6E+00 1.4E-05 4	4.8E+00 19 334	1.3E+00 92	1.2E-02 1014
07:18----08:18	6.8E+00 1.4E-05 3	4.9E+00 19 333	1.3E+00 91	1.2E-02 1014
07:21----08:21	6.9E+00 1.5E-05 3	5.0E+00 19 337	1.3E+00 90	1.2E-02 1014
07:24----08:24	7.0E+00 1.5E-05 3	5.1E+00 19 337	1.2E+00 89	1.2E-02 1014
07:27----08:27	7.1E+00 1.5E-05 3	5.1E+00 19 336	1.2E+00 88	1.2E-02 1014
07:30----08:30	7.2E+00 1.6E-05 3	5.3E+00 19 338	1.2E+00 87	1.2E-02 1014
07:33----08:33	7.2E+00 1.7E-05 3	5.3E+00 20 339	1.2E+00 86	1.2E-02 1014
07:36----08:36	7.3E+00 1.8E-05 3	5.4E+00 20 341	1.2E+00 85	1.2E-02 1014
07:39----08:39	7.3E+00 1.8E-05 3	5.4E+00 20 341	1.2E+00 85	1.2E-02 1014
07:42----08:42	7.4E+00 1.8E-05 3	5.5E+00 20 345	1.2E+00 84	1.2E-02 1014
07:45----08:45	7.3E+00 1.9E-05 3	5.5E+00 20 348	1.2E+00 83	1.2E-02 1014

STATISTICS

NUMBER OF READINGS 174

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	3.16E+00	1.51E+01	6.99E+00	1.91E+00	6.74E+00	1.31E+00
THC-CH4	2.15E+00	1.31E+01	5.16E+00	1.78E+00	4.88E+00	1.39E+00
CH4	1.06E+00	1.96E+00	1.30E+00	1.31E-01	1.29E+00	1.11E+00
OZONE	1.00E-06	3.90E-02	1.03E-02	7.83E-03	4.33E-03	1.19E+01
SOLAR RAD	1.00E-06	3.32E-05	8.96E-06	9.87E-06	3.80E-06	4.11E+00
TEMP	16	22	18	2		
HUMIDITY	72	113	98	12	97	1
BAROMETER	1013	1014	1013	0	1013	1
WIND SPEED	0	11	4	2	3	2

MAXIMUM  
AVERAGE

THC	7.47E+00
THC-CH4	5.61E+00
CH4	1.40E+00
OZONE	1.23E-02
SOLAR RAD	1.95E-05
TEMP	20
HUMIDITY	109
BAROMETER	1014
WIND SPEED	4
WIND DIRECTION	348

JUN.TRI #17

DATE: JUL 24 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 60 MIN  
 LOCATION: PATON RD., JUST W OF RR; 0.11KM @ 135DEG / ANCHOR CAP

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
09:01----10:01	4.0E+00 2.2E-05 5	2.5E+00 25 338	1.1E+00 63	1.9E-02 1014
09:04----10:04	3.9E+00 2.3E-05 5	2.4E+00 25 338	1.1E+00 63	1.8E-02 1014
09:07----10:07	3.8E+00 2.4E-05 5	2.3E+00 25 337	1.1E+00 63	1.8E-02 1014
09:10----10:10	3.6E+00 2.5E-05 5	2.2E+00 25 337	1.1E+00 62	1.7E-02 1014

STATISTICS

NUMBER OF READINGS 71

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	2.43E+00	1.01E+01	3.99E+00	1.99E+00	3.63E+00	1.51E+00
THC-CH4	1.33E+00	6.86E+00	2.42E+00	1.38E+00	2.16E+00	1.56E+00
CH4	9.39E-01	1.45E+00	1.10E+00	1.05E-01	1.10E+00	1.10E+00
OZONE	8.00E-06	1.11E-01	1.80E-02	1.62E-02	1.04E-02	5.39E+00
SOLAR RAD	1.00E-06	4.99E-05	2.41E-05	1.11E-05	2.06E-05	1.93E+00
TEMP	24	28	25	1		
HUMIDITY	56	69	63	3	63	1
BAROMETER	1014	1014	1014	0	1014	1
WIND SPEED	0	11	5	3	4	2

MAXIMUM  
AVERAGE

THC	4.04E+00
THC-CH4	2.53E+00
CH4	1.11E+00
OZONE	1.90E-02
SOLAR RAD	2.49E-05
TEMP	25
HUMIDITY	63
BAROMETER	1014
WIND SPEED	5
WIND DIRECTION	338

JUN.TRI #18

DATE: JUL 24 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 60 MIN  
 LOCATION: SARNIA AVE. AT RR TRACKS; 0.21KM & 000DEG / ANCHOR CAP

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
19:16-----20:16	4.9E+00 5.4E-03 5	1.6E+00 28 213	3.9E+00 50	4.1E-02 1012
19:19-----20:19	5.0E+00 4.6E-03 5	1.6E+00 28 212	4.0E+00 51	3.9E-02 1012
19:22-----20:22	5.0E+00 3.7E-03 5	1.6E+00 28 213	4.2E+00 51	3.9E-02 1012
19:25-----20:25	5.0E+00 3.4E-03 5	1.6E+00 28 214	4.2E+00 52	3.9E-02 1012
19:28-----20:28	4.9E+00 3.2E-03 5	1.5E+00 27 212	4.2E+00 53	4.1E-02 1012
19:31-----20:31	4.8E+00 3.0E-03 6	1.4E+00 27 211	4.1E+00 53	4.0E-02 1012
19:34-----20:34	4.7E+00 2.8E-03 6	1.4E+00 27 212	4.1E+00 54	4.0E-02 1012
19:37-----20:37	4.6E+00 2.6E-03 6	1.4E+00 27 212	4.0E+00 55	4.0E-02 1012
19:40-----20:40	4.6E+00 2.4E-03 5	1.4E+00 27 213	4.0E+00 55	3.9E-02 1012
19:43-----20:43	4.6E+00 2.3E-03 5	1.4E+00 27 212	4.0E+00 56	3.9E-02 1012
19:46-----20:46	4.7E+00 2.1E-03 5	1.4E+00 26 212	4.1E+00 56	3.9E-02 1012
19:49-----20:49	4.6E+00 1.9E-03 5	1.4E+00 26 212	4.1E+00 57	3.7E-02 1012

-JUN.TRI #18, CONT'D

PAGE 2

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
19:52----20:52	4.6E+00 1.7E-03 5	1.4E+00 26 212	4.1E+00 58	3.7E-02 1012
19:55----20:55	4.5E+00 1.6E-03 5	1.3E+00 26 212	4.0E+00 58	3.7E-02 1012
19:58----20:58	4.6E+00 1.4E-03 5	1.4E+00 26 212	4.0E+00 59	3.8E-02 1012
20:01----21:01	4.6E+00 1.3E-03 5	1.4E+00 26 211	4.0E+00 60	3.8E-02 1012
20:04----21:04	4.7E+00 1.1E-03 5	1.4E+00 26 210	4.0E+00 61	3.8E-02 1012
20:07----21:07	4.7E+00 1.0E-03 5	1.4E+00 26 209	4.0E+00 62	3.8E-02 1012
20:10----21:10	4.7E+00 8.8E-04 5	1.5E+00 26 208	4.0E+00 63	3.8E-02 1012
20:13----21:13	5.0E+00 7.7E-04 5	1.6E+00 26 206	4.1E+00 64	3.9E-02 1012
20:16----21:16	4.9E+00 6.7E-04 5	1.5E+00 26 205	4.1E+00 65	3.8E-02 1012
20:19----21:19	4.9E+00 5.7E-04 5	1.5E+00 26 205	4.1E+00 67	3.8E-02 1012
20:22----21:22	5.0E+00 4.9E-04 5	1.6E+00 25 204	4.2E+00 68	3.7E-02 1012
20:25----21:25	5.2E+00 4.1E-04 5	1.5E+00 25 203	4.3E+00 69	3.6E-02 1012
20:28----21:28	5.3E+00 3.4E-04 5	1.6E+00 25 203	4.4E+00 70	3.4E-02 1012
20:31----21:31	5.4E+00 2.7E-04 5	1.7E+00 25 202	4.4E+00 72	3.4E-02 1012



JUN.TRI #18, CONT'D

PAGE 3

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
20:34----21:34	5.5E+00 2.1E-04 5	1.7E+00 25 201	4.6E+00 73	3.2E-02 1012
20:37----21:37	5.6E+00 1.7E-04 5	1.6E+00 25 200	4.7E+00 74	3.2E-02 1012
20:40----21:40	5.8E+00 1.2E-04 5	1.7E+00 25 200	4.9E+00 75	3.1E-02 1012
20:43----21:43	5.9E+00 8.9E-05 5	1.7E+00 25 199	5.0E+00 75	3.0E-02 1012
20:46----21:46	6.0E+00 6.2E-05 5	1.7E+00 25 199	5.1E+00 76	2.9E-02 1012
20:49----21:49	6.1E+00 4.2E-05 5	1.7E+00 25 201	5.3E+00 77	2.8E-02 1012
20:52----21:52	6.1E+00 2.6E-05 5	1.7E+00 25 201	5.4E+00 78	2.7E-02 1012
20:55----21:55	6.1E+00 1.4E-05 5	1.7E+00 25 201	5.5E+00 79	2.6E-02 1012
20:58----21:58	5.9E+00 6.7E-06 5	1.6E+00 25 202	5.6E+00 79	2.4E-02 1012
21:01----22:01	5.9E+00 2.6E-06 5	1.5E+00 25 202	5.6E+00 80	2.3E-02 1012
21:04----22:04	5.9E+00 1.0E-06 5	1.4E+00 25 203	5.7E+00 80	2.1E-02 1012

STATISTICS

NUMBER OF READINGS 168

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	6.13E-03	1.17E+01	5.12E+00	2.11E+00	4.57E+00	1.96E+00
THC-CH4	1.00E-06	5.62E+00	1.49E+00	1.11E+00	8.04E-01	1.01E+01
CH4	1.00E-06	8.69E+00	4.54E+00	1.30E+00	4.00E+00	3.39E+00
OZONE	1.00E-06	1.11E-01	3.35E-02	1.77E-02	2.69E-02	2.76E+00
SOLAR RAD	1.00E-06	1.98E-02	2.17E-03	3.71E-03	1.20E-04	4.23E+01
TEMP	24	30	26	1		
HUMIDITY	44	84	64	13	63	1
BAROMETER	1012	1012	1012	0	1012	1
WIND SPEED	0	12	5	2	4	2

MAXIMUM  
AVERAGE

THC	6.09E+00
THC-CH4	1.74E+00
CH4	5.68E+00
OZONE	4.08E-02
SOLAR RAD	5.42E-03
TEMP	28
HUMIDITY	80
BAROMETER	1012
WIND SPEED	6
WIND DIRECTION	214

JUN.TRI #20

DATE: JUL 25 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 60 MIN  
 LOCATION: 21 RUSKIN AVE.; 0.15KM & 020DEG / GLIDDEN

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
07:08----08:08	5.3E+00 5.3E-03 0	3.8E+00 21 351	9.9E-01 84	1.2E-02 1013
07:11----08:11	5.2E+00 5.5E-03 0	3.7E+00 21 351	9.7E-01 84	1.2E-02 1013
07:14----08:14	5.2E+00 5.7E-03 0	3.8E+00 21 351	9.6E-01 83	1.3E-02 1013
07:17----08:17	5.1E+00 6.0E-03 0	3.7E+00 22 351	9.5E-01 82	1.3E-02 1013
07:20----08:20	5.1E+00 6.3E-03 0	3.8E+00 22 351	9.5E-01 82	1.4E-02 1013

STATISTICS

NUMBER OF READINGS 73

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	1.82E+00	1.87E+01	5.15E+00	2.73E+00	4.59E+00	1.60E+00
THC-CH4	1.46E+00	1.42E+01	3.63E+00	2.07E+00	3.22E+00	1.61E+00
CH4	3.13E-01	4.04E+00	9.08E-01	6.57E-01	7.61E-01	1.75E+00
OZONE	1.00E-06	7.55E-02	1.25E-02	1.72E-02	6.01E-04	7.90E+01
SOLAR RAD	1.35E-03	1.93E-02	5.66E-03	4.27E-03	4.42E-03	2.83E+00
TEMP	20	23	21	1		
HUMIDITY	73	90	82	5	82	1
BAROMETER	1013	1014	1013	0	1013	1
WIND SPEED	0	0	0	0	0	1

MAXIMUM  
AVERAGE

THC	5.30E+00
THC-CH4	3.80E+00
CH4	9.90E-01
OZONE	1.36E-02
SOLAR RAD	6.28E-03
TEMP	22
HUMIDITY	84
BAROMETER	1013
WIND SPEED	0
WIND DIRECTION	351

JUN.TRI #24

DATE: JUL 29 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 60 MIN  
 LOCATION: FOOTBRIDGE AT W END OF WALLACE; 0.06KM & 170DEG / GLIDDEN

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
07:10----08:10	5.2E+00 1.1E-02 4	4.3E+00 21 320	7.4E-01 131	1.0E-02 1007
07:13----08:13	5.3E+00 1.2E-02 4	4.4E+00 22 319	7.3E-01 130	1.1E-02 1007
07:16----08:16	5.4E+00 1.2E-02 4	4.5E+00 22 318	7.2E-01 129	1.1E-02 1007
07:19----08:19	5.5E+00 1.3E-02 4	4.6E+00 22 319	7.2E-01 128	1.2E-02 1007
07:22----08:22	5.6E+00 1.4E-02 4	4.6E+00 22 321	7.4E-01 127	1.2E-02 1007
07:25----08:25	5.9E+00 1.5E-02 3	4.8E+00 22 321	7.7E-01 126	1.2E-02 1007
07:28----08:28	5.9E+00 1.5E-02 3	4.9E+00 22 320	7.7E-01 125	1.2E-02 1007
07:31----08:31	5.9E+00 1.6E-02 3	4.9E+00 22 319	7.6E-01 124	1.2E-02 1007
07:34----08:34	5.9E+00 1.7E-02 3	4.9E+00 22 319	7.6E-01 122	1.3E-02 1007
07:37----08:37	6.0E+00 1.8E-02 3	5.0E+00 22 319	7.5E-01 121	1.2E-02 1007
07:40----08:40	5.9E+00 1.8E-02 3	5.0E+00 23 319	7.4E-01 120	1.3E-02 1007
07:43----08:43	5.9E+00 1.9E-02 4	5.0E+00 23 318	7.4E-01 119	1.4E-02 1007

JUN.TRI #24; CONT'D

PAGE 2

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
07:46----08:46	5.9E+00 2.0E-02 4	5.0E+00 23 317	7.3E-01 118	1.4E-02 1007
07:49----08:49	5.8E+00 2.0E-02 4	4.9E+00 23 317	7.2E-01 117	1.4E-02 1007
07:52----08:52	5.6E+00 2.1E-02 4	4.6E+00 23 315	7.2E-01 115	1.4E-02 1007
07:55----08:55	5.5E+00 2.2E-02 4	4.5E+00 23 315	7.1E-01 114	1.4E-02 1007
07:58----08:58	5.3E+00 2.2E-02 4	4.4E+00 24 314	7.0E-01 113	1.5E-02 1007
08:01----09:01	5.1E+00 2.3E-02 4	4.1E+00 24 313	6.9E-01 112	1.5E-02 1007
08:04----09:04	5.1E+00 2.4E-02 4	4.1E+00 24 312	6.9E-01 110	1.6E-02 1007
08:07----09:07	4.9E+00 2.4E-02 4	3.9E+00 24 312	6.8E-01 109	1.6E-02 1007
08:10----09:10	4.7E+00 2.5E-02 4	3.7E+00 24 311	6.8E-01 108	1.7E-02 1007
08:13----09:13	4.6E+00 2.6E-02 3	3.5E+00 24 311	6.8E-01 107	1.8E-02 1007

STATISTICS

NUMBER OF READINGS 123

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	2.25E+00	1.27E+01	4.91E+00	1.83E+00	4.61E+00	1.41E+00
THC-CH4	1.38E+00	1.41E+01	3.95E+00	1.95E+00	3.60E+00	1.52E+00
CH4	5.57E-01	1.48E+00	7.05E-01	1.46E-01	6.93E-01	1.19E+00
OZONE	1.00E-06	4.50E-02	1.40E-02	9.37E-03	6.45E-03	1.15E+01
SOLAR RAD	3.69E-03	3.43E-02	1.84E-02	8.73E-03	1.57E-02	1.96E+00
TEMP	21	26	23	2		
HUMIDITY	94	138	119	14	118	1
BAROMETER	1007	1007	1007	0	1007	1
WIND SPEED	0	11	4	2	3	3

MAXIMUM  
AVERAGE

THC	5.96E+00
THC-CH4	5.04E+00
CH4	7.68E-01
OZONE	1.77E-02
SOLAR RAD	2.59E-02
TEMP	24
HUMIDITY	131
BAROMETER	1007
WIND SPEED	4
WIND DIRECTION	321

JUN.TRI #26

DATE: JUL 30 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 60 MIN  
 LOCATION: PATON RD., JUST W OF RR; 0.11KM & 135DEG / ANCHOR CAP

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
06:31----07:31	5.5E+00 7.3E-03 3	3.2E+00 5 345	2.0E+00 87	9.6E-03 996
06:34----07:34	5.7E+00 7.7E-03 4	3.3E+00 8 342	2.0E+00 93	1.1E-02 998
06:37----07:37	5.8E+00 8.2E-03 4	3.4E+00 11 338	2.0E+00 98	1.1E-02 1001
06:40----07:40	5.9E+00 8.3E-03 4	3.6E+00 14 333	2.0E+00 103	1.2E-02 1003
06:43----07:43	6.0E+00 8.9E-03 5	3.7E+00 17 330	2.0E+00 109	1.2E-02 1005
06:46----07:46	6.4E+00 9.4E-03 5	3.7E+00 19 326	2.0E+00 114	1.3E-02 1008
06:49----07:49	6.5E+00 1.0E-02 5	3.8E+00 20 326	2.0E+00 113	1.3E-02 1008
06:52----07:52	6.6E+00 1.1E-02 5	3.9E+00 20 326	2.0E+00 112	1.3E-02 1008
06:55----07:55	6.8E+00 1.2E-02 5	4.1E+00 20 326	2.0E+00 111	1.3E-02 1008
06:58----07:58	6.9E+00 1.2E-02 5	4.2E+00 20 325	2.0E+00 110	1.3E-02 1008
07:01----08:01	7.0E+00 1.3E-02 5	4.2E+00 20 326	1.9E+00 109	1.4E-02 1008
07:04----08:04	6.9E+00 1.4E-02 5	4.2E+00 20 326	1.9E+00 108	1.4E-02 1008



JUN.TRI #26, CONT'D

PAGE 2

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
07:07----08:07	6.9E+00 1.5E-02 5	4.2E+00 20 326	1.9E+00 107	1.4E-02 1008
07:10----08:10	6.7E+00 1.5E-02 6	4.1E+00 20 327	1.9E+00 106	1.4E-02 1008
07:13----08:13	6.6E+00 1.6E-02 6	4.1E+00 20 325	1.9E+00 105	1.4E-02 1008
07:16----08:16	6.7E+00 1.7E-02 6	4.2E+00 20 326	1.9E+00 104	1.4E-02 1008
07:19----08:19	6.7E+00 1.8E-02 6	4.2E+00 20 326	1.9E+00 103	1.4E-02 1008
07:22----08:22	6.7E+00 1.9E-02 6	4.3E+00 21 325	1.8E+00 102	1.5E-02 1008
07:25----08:25	6.9E+00 1.9E-02 7	4.4E+00 21 326	1.8E+00 102	1.5E-02 1008
07:28----08:28	6.8E+00 2.0E-02 7	4.4E+00 21 326	1.8E+00 101	1.5E-02 1008
07:31----08:31	6.8E+00 2.1E-02 7	4.3E+00 21 328	1.8E+00 100	1.5E-02 1008
07:34----08:34	6.7E+00 2.2E-02 7	4.3E+00 21 330	1.8E+00 99	1.5E-02 1008
07:37----08:37	6.7E+00 2.3E-02 8	4.4E+00 21 330	1.7E+00 99	1.5E-02 1008
07:40----08:40	6.9E+00 2.4E-02 8	4.5E+00 21 332	1.7E+00 98	1.5E-02 1008
07:43----08:43	6.9E+00 2.6E-02 8	4.5E+00 21 332	1.7E+00 97	1.5E-02 1008
07:46----08:46	6.7E+00 2.6E-02 7	4.6E+00 21 333	1.7E+00 96	1.6E-02 1008

JUN.TRI #26, CONT'D

PAGE 3

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	O2OHC BAROMETER
07:49----08:49	6.7E+00 2.7E-02 7	4.6E+00 22 333	1.7E+00 96	1.6E-02 1000
07:52----08:52	6.6E+00 2.8E-02 7	4.5E+00 22 333	1.7E+00 95	1.6E-02 1000
07:55----08:55	6.7E+00 2.9E-02 7	4.5E+00 22 333	1.7E+00 94	1.6E-02 1000
07:58----08:58	6.9E+00 3.0E-02 7	4.6E+00 22 333	1.7E+00 93	1.6E-02 1000
08:01----09:01	6.9E+00 3.1E-02 7	4.6E+00 22 333	1.6E+00 93	1.7E-02 1000
08:04----09:04	6.9E+00 3.1E-02 7	4.6E+00 22 334	1.6E+00 92	1.7E-02 1000
08:07----09:07	6.9E+00 3.2E-02 8	4.5E+00 22 334	1.6E+00 91	1.7E-02 1000
08:10----09:10	6.9E+00 3.3E-02 8	4.5E+00 22 333	1.6E+00 90	1.7E-02 1000
08:13----09:13	6.8E+00 3.4E-02 7	4.4E+00 23 334	1.5E+00 89	1.7E-02 1000
08:16----09:16	6.6E+00 3.5E-02 7	4.2E+00 23 332	1.5E+00 89	1.7E-02 1000
08:19----09:19	6.6E+00 3.6E-02 7	4.3E+00 23 332	1.5E+00 88	1.9E-02 1000
08:22----09:22	6.6E+00 3.6E-02 7	4.3E+00 23 332	1.5E+00 87	1.8E-02 1000
08:25----09:25	6.3E+00 3.7E-02 7	4.0E+00 23 332	1.5E+00 86	1.8E-02 1000
08:28----09:28	6.3E+00 3.8E-02 7	4.0E+00 23 331	1.5E+00 85	1.9E-02 1000

JUN.TRI #26, CONT'D

PAGE 4

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
08:31----09:31	6.4E+00 3.9E-02 7	4.1E+00 23 329	1.5E+00 85	2.0E-02 1008
08:34----09:34	6.4E+00 4.0E-02 7	4.1E+00 24 327	1.5E+00 84	1.9E-02 1008
08:37----09:37	6.3E+00 4.0E-02 6	4.1E+00 24 326	1.5E+00 83	2.0E-02 1008
08:40----09:40	6.0E+00 4.1E-02 6	3.8E+00 24 323	1.4E+00 83	2.0E-02 1008
08:43----09:43	6.0E+00 4.2E-02 7	3.8E+00 24 323	1.4E+00 82	2.1E-02 1008
08:46----09:46	5.8E+00 4.3E-02 7	3.6E+00 24 322	1.4E+00 81	2.1E-02 1008
08:49----09:49	5.7E+00 4.3E-02 7	3.5E+00 24 321	1.4E+00 81	2.1E-02 1008
08:52----09:52	5.6E+00 4.4E-02 7	3.5E+00 24 321	1.4E+00 80	2.2E-02 1008
08:55----09:55	5.3E+00 4.5E-02 7	3.3E+00 24 320	1.4E+00 79	2.3E-02 1008
08:58----09:58	5.0E+00 4.4E-02 7	3.1E+00 24 318	1.4E+00 79	2.3E-02 1008
09:01----10:01	4.8E+00 4.5E-02 6	2.9E+00 24 317	1.4E+00 78	2.3E-02 1008
09:04----10:04	4.7E+00 4.6E-02 6	2.8E+00 24 316	1.4E+00 78	2.3E-02 1008
09:07----10:07	4.6E+00 4.6E-02 6	2.7E+00 24 315	1.4E+00 78	2.4E-02 1008
09:10----10:10	4.4E+00 4.7E-02 6	2.7E+00 25 314	1.4E+00 77	2.4E-02 1008

JUN.TRI #26, CONT'D

PAGE 5

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
09:13----10:13	4.4E+00 4.8E-02 6	2.7E+00 25 314	1.4E+00 77	2.5E-02 1008

# STATISTICS

NUMBER OF READINGS 224

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	2.09E+00	1.67E+01	5.74E+00	2.43E+00	5.31E+00	1.48E+00
THC-CH4	9.36E-01	1.16E+01	3.56E+00	1.67E+00	3.20E+00	1.61E+00
CH4	1.18E+00	2.35E+00	1.67E+00	3.31E-01	1.64E+00	1.21E+00
OZONE	1.70E-05	9.22E-02	1.69E-02	1.30E-02	1.03E-02	4.28E+00
SOLAR RAD	1.53E-03	5.66E-02	2.77E-02	1.68E-02	2.05E-02	2.48E+00
TEMP	-40	26	18	15		
HUMIDITY	0	126	88	28	33	51
BAROMETER	960	1008	1005	12	1005	1
WIND SPEED	0	17	6	3	5	2

# MAXIMUM AVERAGE

THC	6.95E+00
THC-CH4	4.63E+00
CH4	2.02E+00
OZONE	2.52E-02
SOLAR RAD	4.79E-02
TEMP	25
HUMIDITY	114
BAROMETER	1008
WIND SPEED	8
WIND DIRECTION	345

JUN.TRI #27

DATE: JUL 30 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 60 MIN  
 LOCATION: 360 WALLACE AVE.; 0.09KM & 120DEG / GLIDDEN

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
11:21----12:21	4.3E+00 6.6E-02 7	2.8E+00 31 310	1.2E+00 49	2.6E-02 1008
11:24----12:24	4.4E+00 6.5E-02 7	2.8E+00 31 312	1.2E+00 49	2.6E-02 1008
11:27----12:27	4.4E+00 6.6E-02 7	2.8E+00 31 312	1.2E+00 49	2.6E-02 1008
11:30----12:30	4.4E+00 6.4E-02 6	2.8E+00 31 310	1.2E+00 49	2.6E-02 1008
11:33----12:33	4.3E+00 6.4E-02 6	2.7E+00 31 311	1.2E+00 49	2.6E-02 1008
11:36----12:36	4.3E+00 6.2E-02 6	2.7E+00 31 313	1.2E+00 49	2.6E-02 1008
11:39----12:39	4.3E+00 6.2E-02 6	2.8E+00 31 317	1.2E+00 49	2.7E-02 1008
11:42----12:42	4.3E+00 6.2E-02 6	2.8E+00 31 316	1.2E+00 49	2.7E-02 1008
11:45----12:45	4.3E+00 6.0E-02 6	2.8E+00 31 317	1.2E+00 49	2.7E-02 1008
11:48----12:48	4.4E+00 5.7E-02 6	3.0E+00 31 318	1.2E+00 49	2.7E-02 1008
11:51----12:51	4.7E+00 5.8E-02 6	3.2E+00 31 321	1.2E+00 49	2.7E-02 1008
11:54----12:54	4.7E+00 5.9E-02 6	3.2E+00 31 321	1.2E+00 49	2.7E-02 1008

JUN.TRI #27, CONT'D

PAGE 2

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
11:57----12:57	4.9E+00 5.9E-02 6	3.4E+00 31 323	1.2E+00 49	2.7E-02 1008
12:00----13:00	5.0E+00 5.9E-02 6	3.5E+00 31 322	1.2E+00 49	2.7E-02 1008
12:03----13:03	5.1E+00 6.0E-02 6	3.5E+00 31 323	1.2E+00 49	2.7E-02 1008
12:06----13:06	5.2E+00 5.8E-02 6	3.6E+00 31 324	1.2E+00 49	2.8E-02 1008
12:09----13:09	5.3E+00 5.9E-02 6	3.7E+00 31 324	1.2E+00 49	2.8E-02 1008
12:12----13:12	5.4E+00 5.9E-02 6	3.8E+00 31 323	1.2E+00 49	2.8E-02 1008
12:15----13:15	5.5E+00 5.9E-02 6	3.9E+00 31 322	1.2E+00 49	2.8E-02 1008
12:18----13:18	5.5E+00 6.1E-02 6	3.9E+00 31 322	1.2E+00 49	2.8E-02 1008
12:21----13:21	5.5E+00 5.9E-02 6	3.8E+00 31 321	1.2E+00 49	2.8E-02 1008
12:24----13:24	5.5E+00 6.1E-02 6	3.9E+00 31 322	1.2E+00 49	2.9E-02 1008
12:27----13:27	5.5E+00 5.7E-02 6	3.9E+00 31 323	1.2E+00 48	2.9E-02 1008
12:30----13:30	5.6E+00 5.7E-02 7	4.0E+00 31 323	1.2E+00 48	2.9E-02 1008
12:33----13:33	5.6E+00 5.8E-02 7	4.0E+00 31 323	1.2E+00 49	2.9E-02 1008
12:36----13:36	5.6E+00 6.1E-02 7	4.0E+00 31 321	1.2E+00 49	3.0E-02 1008

JUN.TRI #27, CONT'D

PAGE 3

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
12:39----13:39	5.6E+00 6.1E-02 7	3.9E+00 31 320	1.2E+00 48	3.0E-02 1008

# STATISTICS

NUMBER OF READINGS 138

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	2.00E+00	9.12E+00	4.98E+00	1.60E+00	4.71E+00	1.41E+00
THC-CH4	8.98E-01	7.85E+00	3.37E+00	1.42E+00	3.07E+00	1.56E+00
CH4	1.12E+00	1.53E+00	1.21E+00	8.14E-02	1.21E+00	1.07E+00
OZONE	5.98E-03	5.31E-02	2.76E-02	8.61E-03	2.62E-02	1.41E+00
SOLAR RAD	1.48E-02	9.43E-02	6.33E-02	2.57E-02	5.60E-02	1.73E+00
TEMP	29	33	31	1		
HUMIDITY	44	54	49	2	49	1
BAROMETER	1008	1009	1008	0	1008	1
WIND SPEED	0	18	7	4	6	2

## MAXIMUM AVERAGE

THC	5.63E+00
THC-CH4	4.02E+00
CH4	1.23E+00
OZONE	2.96E-02
SOLAR RAD	6.64E-02
TEMP	31
HUMIDITY	49
BAROMETER	1008
WIND SPEED	7
WIND DIRECTION	324

JUN.TRI #28

DATE: JUL 30 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 60 MIN  
 LOCATION: 346 WALLACE AVE.; 0.12KM & 115DEG / GLIDDEN

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
17:43----18:43	3.3E+00 2.9E-02 8	2.6E+00 30 292	8.8E-03 46	2.0E-02 1008
17:46----18:46	3.4E+00 2.8E-02 8	2.6E+00 30 290	9.0E-03 46	2.0E-02 1008
17:49----18:49	3.5E+00 2.6E-02 8	2.6E+00 30 290	9.0E-03 46	2.0E-02 1008
17:52----18:52	3.5E+00 2.4E-02 9	2.7E+00 30 291	9.0E-03 46	2.0E-02 1008
17:55----18:55	3.6E+00 2.2E-02 9	2.8E+00 30 290	8.9E-03 46	2.0E-02 1008
17:58----18:58	3.6E+00 2.1E-02 9	2.8E+00 30 289	8.7E-03 46	2.0E-02 1008
18:01----19:01	3.7E+00 1.9E-02 9	2.8E+00 30 289	8.7E-03 45	2.0E-02 1008
18:04----19:04	3.7E+00 1.7E-02 9	2.9E+00 30 289	8.9E-03 45	2.0E-02 1008
18:07----19:07	3.8E+00 1.6E-02 8	2.9E+00 30 289	8.8E-03 46	2.0E-02 1008
18:10----19:10	3.8E+00 1.4E-02 8	2.9E+00 30 290	8.8E-03 46	2.0E-02 1008
18:13----19:13	3.7E+00 1.3E-02 8	2.8E+00 30 291	8.8E-03 46	2.0E-02 1008
18:16----19:16	3.8E+00 1.1E-02 8	2.8E+00 30 293	8.8E-03 46	2.0E-02 1008



JUN.TRI #28, CONT'D

PAGE 2

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
18:19----19:19	3.7E+00 9.6E-03 7	2.8E+00 30 294	8.8E-03 46	2.0E-02 1008
18:22----19:22	3.8E+00 8.2E-03 7	2.7E+00 30 294	8.7E-03 46	2.0E-02 1008
18:25----19:25	3.8E+00 7.3E-03 7	2.7E+00 30 294	8.8E-03 46	2.0E-02 1008
18:28----19:28	3.8E+00 6.1E-03 7	2.7E+00 30 292	8.7E-03 46	2.0E-02 1008
18:31----19:31	3.8E+00 5.0E-03 8	2.6E+00 30 291	8.6E-03 46	2.0E-02 1008
18:34----19:34	3.8E+00 4.3E-03 7	2.7E+00 30 290	8.5E-03 46	2.0E-02 1008
18:37----19:37	3.8E+00 3.9E-03 7	2.7E+00 29 290	8.6E-03 46	2.0E-02 1008
18:40----19:40	3.8E+00 3.7E-03 7	2.6E+00 29 291	8.6E-03 46	2.0E-02 1008
18:43----19:43	3.7E+00 3.6E-03 7	2.6E+00 29 293	8.6E-03 46	2.0E-02 1008

STATISTICS

NUMBER OF READINGS 120

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	1.96E+00	9.90E+00	3.53E+00	1.09E+00	3.39E+00	1.31E+00
THC-CH4	1.43E+00	5.76E+00	2.57E+00	8.78E-01	2.44E+00	1.36E+00
CH4	5.01E-03	1.22E-02	8.70E-03	1.66E-03	8.53E-03	1.22E+00
OZONE	1.95E-02	2.16E-02	2.04E-02	4.90E-04	2.04E-02	1.02E+00
SOLAR RAD	2.84E-03	4.17E-02	1.65E-02	1.52E-02	9.61E-03	2.95E+00
TEMP	28	31	30	1		
HUMIDITY	43	53	46	2	46	1
BAROMETER	1008	1008	1008	0	1008	1
WIND SPEED	1	21	8	4	7	2

MAXIMUM  
AVERAGE

THC	3.84E+00
THC-CH4	2.89E+00
CH4	9.03E-03
OZONE	2.05E-02
SOLAR RAD	2.94E-02
TEMP	30
HUMIDITY	46
BAROMETER	1008
WIND SPEED	9
WIND DIRECTION	294

JUN.TRI #32

DATE: JUL 31 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 60 MIN  
 LOCATION: 360 WALLACE AVE. / NACAN & GLIDDEN

TIME	SOLAR RAD WIND SPEED	TEMP WIND DIRECTION	HUMIDITY	BAROMETER
06:22-----07:22	7.5E-03 0	20 178	101	1012
06:28-----07:28	9.0E-03 0	20 182	98	1012
06:34-----07:34	1.1E-02 1	21 196	97	1012
06:40-----07:40	1.2E-02 1	21 202	96	1012
06:46-----07:46	1.3E-02 1	21 206	94	1012
06:52-----07:52	1.4E-02 1	21 209	94	1012
06:58-----07:58	1.5E-02 1	21 213	93	1012
07:04-----08:04	1.7E-02 1	22 215	92	1012
07:10-----08:10	1.8E-02 1	22 219	91	1012
07:16-----08:16	2.0E-02 1	22 215	90	1012
07:22-----08:22	2.1E-02 1	22 216	90	1012
07:28-----08:28	2.2E-02 1	23 215	88	1012
07:34-----08:34	2.3E-02 1	23 214	87	1012
07:40-----08:40	2.5E-02 1	24 215	85	1012
07:46-----08:46	2.7E-02 1	24 212	82	1012
07:52-----08:52	2.8E-02 1	25 211	79	1012

JUN.TRI #32, CONT'D

PAGE 2

TIME	SOLAR RAD WIND SPEED	TEMP WIND DIRECTION	HUMIDITY	BAROMETER
07:58----08:58	3.0E-02 2	25 208	76	1012
08:04----09:04	3.1E-02 2	26 204	73	1012
08:10----09:10	3.2E-02 2	27 202	70	1012
08:16----09:16	3.5E-02 2	27 203	68	1012
08:22----09:22	3.6E-02 2	28 203	65	1012
08:28----09:28	3.7E-02 2	28 204	62	1012
08:34----09:34	3.7E-02 3	28 203	60	1012
08:40----09:40	3.9E-02 3	29 205	59	1012
08:46----09:46	4.0E-02 3	29 205	58	1012
08:52----09:52	4.2E-02 4	29 204	57	1012
08:58----09:58	4.4E-02 4	29 206	56	1012
09:04----10:04	4.6E-02 4	29 208	55	1012
09:10----10:10	4.7E-02 4	29 210	54	1012
09:16----10:16	4.7E-02 5	29 212	53	1012
09:22----10:22	4.8E-02 5	29 213	53	1012
09:28----10:28	4.9E-02 5	29 213	53	1012
09:34----10:34	5.1E-02 5	29 213	53	1012
09:40----10:40	5.2E-02 5	29 210	53	1012
09:46----10:46	5.2E-02 5	29 209	53	1012

JUN.TRI #32, CONT'D

PAGE 3

TIME	SOLAR RAD WIND SPEED	TEMP WIND DIRECTION	HUMIDITY	BAROMETER
09:52----10:52	5.3E-02 5	29 210	53	1012
09:58----10:58	5.3E-02 6	29 210	53	1012

### STATISTICS

NUMBER OF READINGS 276

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
SOLAR RAD	1.07E-03	6.18E-02	3.14E-02	1.77E-02	2.36E-02	2.55E+00
TEMP	18	31	25	4		
HUMIDITY	47	114	74	20	71	1
BAROMETER	1012	1014	1012	0	1012	1
WIND SPEED	0	12	3	3	1	5

### MAXIMUM AVERAGE

SOLAR RAD	5.31E-02
TEMP	29
HUMIDITY	101
BAROMETER	1012
WIND SPEED	6
WIND DIRECTION	219

JUN.TRI #33

DATE: JUL 31 1980

SCAN TIME: 60 SEC

AVERAGING TIME: 60 MIN

LOCATION: 196 SYMINGTON AVE.; 0.26KM & 310DEG / GENERAL (ANCHOR CAP)

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
18:35----19:35	3.0E+00 7.0E-03 6	1.8E+00 29 114	3.0E-01 67	3.8E-02 998
18:38----19:38	3.1E+00 6.8E-03 6	1.8E+00 29 114	3.1E-01 67	3.8E-02 998
18:41----19:41	3.1E+00 6.6E-03 6	1.9E+00 29 114	3.1E-01 67	3.8E-02 998
18:44----19:44	3.0E+00 6.4E-03 6	1.9E+00 28 115	3.2E-01 67	3.8E-02 998
18:47----19:47	3.0E+00 6.2E-03 6	1.9E+00 28 115	3.2E-01 67	3.9E-02 998
18:50----19:50	3.1E+00 6.0E-03 6	1.9E+00 28 118	3.3E-01 67	3.8E-02 998
18:53----19:53	3.0E+00 5.7E-03 6	1.9E+00 28 118	3.3E-01 67	3.8E-02 998
18:56----19:56	3.0E+00 5.4E-03 6	1.9E+00 28 119	3.4E-01 67	3.8E-02 998
18:59----19:59	2.9E+00 5.1E-03 6	1.9E+00 28 119	3.4E-01 67	3.8E-02 998
19:02----20:02	2.9E+00 4.9E-03 6	1.8E+00 28 118	3.4E-01 67	3.8E-02 998

STATISTICS

NUMBER OF READINGS 88

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	2.07E+00	8.09E+00	2.96E+00	1.06E+00	2.83E+00	1.33E+00
THC-CH4	1.35E+00	3.71E+00	1.83E+00	5.46E-01	1.77E+00	1.28E+00
CH4	2.16E-01	5.58E-01	3.23E-01	7.85E-02	3.15E-01	1.25E+00
OZONE	2.40E-02	4.95E-02	3.76E-02	5.45E-03	3.71E-02	1.16E+00
SOLAR RAD	2.91E-03	9.36E-03	5.96E-03	1.99E-03	5.62E-03	1.42E+00
TEMP	27	30	28	1		
HUMIDITY	63	71	67	1	67	1
BAROMETER	998	998	998	0	998	1
WIND SPEED	1	18	6	3	6	2

MAXIMUM  
AVERAGE

THC	3.10E+00
THC-CH4	1.89E+00
CH4	3.39E-01
OZONE	3.89E-02
SOLAR RAD	7.04E-03
TEMP	29
HUMIDITY	67
BAROMETER	998
WIND SPEED	6
WIND DIRECTION	119

JUN.TRI #34

DATE: JUL 31 1980  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 60 MIN  
 LOCATION: 301 CAMPBELL AVE.; 0.99KM & 310DEG / ANCHOR CAP

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
20:43----21:43	3.3E+00 2.9E-05 5	2.0E+00 25 104	3.2E-01 81	3.6E-02 998
20:46----21:46	3.4E+00 2.0E-05 5	2.1E+00 25 102	3.2E-01 81	3.6E-02 998
20:49----21:49	3.3E+00 1.5E-05 5	2.0E+00 25 101	3.2E-01 81	3.6E-02 998
20:52----21:52	3.3E+00 1.2E-05 5	2.0E+00 25 101	3.1E-01 81	3.7E-02 998
20:55----21:55	3.3E+00 9.0E-06 5	2.0E+00 25 101	3.0E-01 81	3.8E-02 998
20:58----21:58	3.2E+00 7.7E-06 5	2.0E+00 26 100	3.0E-01 81	3.8E-02 998
21:01----22:01	3.3E+00 6.8E-06 5	2.0E+00 26 101	3.0E-01 81	3.9E-02 998
21:04----22:04	3.2E+00 6.5E-06 5	2.0E+00 26 103	3.0E-01 81	3.9E-02 998
21:07----22:07	3.3E+00 6.5E-06 5	2.0E+00 26 103	2.9E-01 81	3.9E-02 998
21:10----22:10	3.2E+00 6.8E-06 5	2.0E+00 26 103	2.9E-01 82	3.9E-02 998
21:13----22:13	3.1E+00 7.0E-06 6	2.0E+00 26 105	2.9E-01 82	3.9E-02 998
21:16----22:16	3.2E+00 7.3E-06 6	2.0E+00 26 104	2.9E-01 82	4.0E-02 998



JUN.TRI #34, CONT'D

PAGE 2

TIME	THC SOLAR RAD WIND SPEED	THC-CH4 TEMP WIND DIRECTION	CH4 HUMIDITY	OZONE BAROMETER
21:19----22:19	3.2E+00 7.7E-06 5	2.1E+00 26 104	2.9E-01 82	3.9E-02 998

# STATISTICS

NUMBER OF READINGS 98

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
THC	2.25E+00	7.25E+00	3.21E+00	1.02E+00	3.08E+00	1.31E+00
THC-CH4	1.40E+00	5.24E+00	2.02E+00	6.91E-01	1.93E+00	1.31E+00
CH4	1.32E-01	7.32E-01	2.96E-01	1.07E-01	2.80E-01	1.37E+00
OZONE	1.50E-02	5.00E-02	3.71E-02	7.19E-03	3.63E-02	1.24E+00
SOLAR RAD	1.00E-06	1.83E-04	2.04E-05	3.62E-05	6.88E-06	4.47E+00
TEMP	25	26	26	0		
HUMIDITY	78	88	82	2	82	1
BAROMETER	997	998	998	0	998	1
WIND SPEED	1	12	6	3	5	2

# MAXIMUM AVERAGE

THC	3.37E+00
THC-CH4	2.07E+00
CH4	3.25E-01
OZONE	3.95E-02
SOLAR RAD	2.86E-05
TEMP	26
HUMIDITY	82
BAROMETER	998
WIND SPEED	6
WIND DIRECTION	105

+++ THEODOLITE REPORT +++

NAME: JUN.TRI #2  
 LOC: ANTLER & PERTH STS.  
 MET: CLEAR, SE WINDS  
 TIME: 07:18:11:42:41  
 B/L: 50 M, 80 DEG

FILE: 1  
 TEMP: 30.37  
 ELEV: 100

TIME SEC	HEIGHT M	-WIND DIRECTION-					-WIND SPEED-KM/HR-		---TEMPERATURE---DEG-C---		
		N	E	S	W	N	0	10	15	30	
690	2277					+		*		+	
660	2178					+		*		+	
630	2079					+		*		+	
600	1980					+		*		+	
570	1881					+		*		+	
540	1782					+		*		+	
510	1683					+		*		+	
480	1584					+		*		+	
450	1485					+		*		+	
420	1386					+		*		+	
390	1287					+		*		+	
360	1188					+	*			+	
330	1089					+	*			+	
300	990					+	*			+	
270	891					+	*			+	
240	792					+	*			+	
210	693					+	*			+	
180	594					+	*			+	
150	495					+	*			+	
120	396					+	*			+	
90	297					+	*			+	
60	198					+	*			+	
30	99					+	*			+	

+++ THEODOLITE REPORT +++

NAME: JUN.TRI #2  
 LOC: ANTLE & PERTH STS.  
 MET: CLEAR, SE WINDS  
 TIME: 07:18:11:42:41  
 B/L: 50 M, 80 DEG

FILE: 1  
 TEMP: 30.37  
 ELEV: 100

TIME SEC	HEIGHT M	-WIND N . E . S . W . N	DIRECTION-	-WIND SPEED-KM/HR-		---TEMPERATURE---DEG-C---	
				0	10 15 30		
							20.8
690	2277		324.6		9.3		18.5
660	2178		324.6		6.5		17.7
630	2079		324.6		7.5		18.7
600	1980		324.6		4.2		19.3
570	1881		324.6		3.2		20.0
540	1782		324.6		3.9		22.9
510	1683		324.6		10.0		21.1
480	1584		324.6		7.9		21.0
450	1485		324.6		8.4		25.9
420	1386		324.6		4.2		21.0
390	1287		324.6		4.3		20.1
360	1188		324.6		0.0		20.1
330	1089		324.6		0.4		20.9
300	990		324.6		2.4		20.9
270	891		302.7		5.0		24.5
240	792		270.4		0.1		25.1
210	693		264.8		4.7		25.6
180	594		244.5		2.8		26.3
150	495		221.5		4.5		26.8
120	396		219.3		4.3		27.0
90	297		199.2		8.5		27.1
60	198		200.5		4.0		27.8
30	99		203.5		2.8		

+++ THEODOLITE REPORT +++

NAME: JUN.TRI #3  
 LOC: ANTLE & PERTH STS.  
 MET: CLEAR , CALM AND HOT  
 TIME: 07:18:16:50:33  
 B/L: 75 M: 115 DEG

FILE: 2  
 TEMP: 34.58  
 ELEV: 100

TIME SEC	HEIGHT M	-WIND DIRECTION- N . E . S . W . N	-WIND SPEED-KM/HR- 0 15 15	---TEMPERATURE---DEG-C--- 35
690	2277	+	*	+
660	2178	+	*	+
630	2079	+	*	+
600	1980	+	*	+
570	1881	+	*	+
540	1782	+	*	+
510	1683	+	*	+
480	1584	+	*	+
450	1485	+	*	+
420	1386	+	*	+
390	1287	+	*	+
360	1188	+	*	+
330	1089	+	*	+
300	990	+	*	+
270	891	+	*	+
240	792	+	*	+
210	693	+	*	+
180	594	+	*	+
150	495	+	*	+
120	396	+	*	+
90	297	+	*	+
60	198	+	*	+
30	99	+	*	+

+++ THEODOLITE REPORT +++

NAME: JUN.TRI #3  
 LOC: ANTLE & PERTH STS.  
 MET: CLEAR , CALM AND HOT  
 TIME: 07:18:16:50:33  
 B/L: 75 M, 115 DEG

FILE: 2  
 TEMP: 34.58  
 ELEV: 100

TIME SEC	HEIGHT M	-WIND DIRECTION- N . E . S . W . N	-WIND SPEED-KM/HR- 0 15 15	---TEMPERATURE---DEG-C--- 35
690	2277	252.2	5.6	15.7
660	2178	234.2	2.3	16.0
630	2079	216.9	6.7	17.7
600	1980	195.5	2.2	17.7
570	1881	195.9	0.0	18.5
540	1782	219.1	0.0	19.1
510	1683	219.0	3.6	19.8
480	1584	215.3	4.3	20.5
450	1485	212.4	4.7	21.3
420	1386	211.8	8.8	21.7
390	1287	210.2	12.0	22.3
360	1188	197.6	10.7	22.6
330	1089	183.3	12.4	23.3
300	990	176.1	9.5	23.9
270	891	175.0	9.1	24.5
240	792	177.1	6.7	25.1
210	693	193.3	4.9	25.8
180	594	193.7	6.7	26.6
150	495	207.2	6.0	27.6
120	396	206.3	10.0	28.4
90	297	184.5	6.5	28.8
60	198	194.0	4.8	29.9
30	99	214.5	5.5	30.8

+++ THEODOLITE REPORT +++

NAME: JUN.TRI #4                      FILE: 3  
 LOC: ANTLER & PERTH STS.  
 MET: CLEAR, 3/10 ALCU, CALM & HOT  
 TIME: 07:21:11:09:55              TEMP: 31.95  
 B/L: 60 M, 90 DEG              ELEV: 100

TIME SEC	HEIGHT M	-WIND DIRECTION- N . E . S . W . N	-WIND SPEED-KM/HR- 0                      25                      20                      35	---TEMPERATURE---DEG-C---
690	2277	+	*	+
660	2178	+	*	+
630	2079	+	*	+
600	1980	+	*	+
570	1881	+	*	+
540	1782	+	*	+
510	1683	+	*	+
480	1584	+	*	+
450	1485	+	*	+
420	1386	+	*	+
390	1287	+	*	+
360	1188	+	*	+
330	1089	+	*	+
300	990	+	*	+
270	891	+	*	+
240	792	+	*	+
210	693	+	*	+
180	594	+	*	+
150	495	+	*	+
120	396	+	*	+
90	297	+	*	+
60	198	+	*	+
30	99	+	*	+

+++ THEODOLITE REPORT +++

NAME: JUN.TRI #4  
 LOC: ANTLER & PERTH STS.  
 MET: CLEAR, 3/10 ALCU, CALM & HOT  
 TIME: 07:21:11:09:55  
 B/L: 60 M, 90 DEG

FILE: 3  
 TEMP: 31.95  
 ELEV: 100

TIME SEC	HEIGHT M	-WIND DIRECTION-				-WIND SPEED-KM/HR-		---TEMPERATURE---DEG-C---	
		N . E . S . W . N				25	20		35
						5.0			21.9
690	2277			295.5		5.0			22.5
660	2178			295.5		5.0			22.8
630	2079			295.6		5.0			22.9
600	1980			295.5		5.0			22.7
570	1881			295.5		5.0			22.5
540	1782			295.5		10.6			22.6
510	1683			323.5		10.6			22.6
480	1584			323.5		10.6			22.5
450	1485			265.0		10.6			22.7
420	1386			265.0		24.2			22.3
390	1287			248.0		9.3			22.0
360	1188			273.7		17.2			22.5
330	1089			292.7		19.1			22.7
300	990			292.4		23.2			23.1
270	891			286.2		19.7			23.6
240	792			289.8		10.2			24.2
210	693			289.2		13.5			25.3
180	594			258.7		6.9			26.0
150	495			267.8		8.3			26.3
120	396			223.6		15.1			27.1
90	297			216.9		7.0			27.6
60	198			208.5		2.5			28.9
30	99			226.0					

+++ THEODOLITE REPORT +++

NAME: JUN.TRI #5 FILE: 4  
 LOC: ANTLE & PERTH  
 MET: CLEAR, VERY HOT & HUMID, WINDS LIGHT & SW  
 TIME: 07:21:16:47:07 TEMP: 35.69  
 B/L: 60 M, 235 DEG ELEV: 100

TIME SEC	HEIGHT M	-WIND DIRECTION- N . E . S . W . N	-WIND SPEED-KM/HR- 0 30 20	---TEMPERATURE---DEG-C--- 35
645	2129	+	*	+
630	2079	+	*	+
615	2030	+	*	+
600	1980	+	*	+
585	1931	+	*	+
570	1881	+	*	+
555	1832	+	*	+
540	1782	+	*	+
525	1733	+	*	+
510	1683	+	*	+
495	1634	+	*	+
480	1584	+	*	+
465	1535	+	*	+
450	1485	+	*	+
435	1436	+	*	+
420	1386	+	*	+
405	1337	+	*	+
390	1287	+	*	+
375	1238	+	*	+
360	1188	+	*	+
345	1139	+	*	+
330	1089	+	*	+
315	1040	+	*	+
300	990	+	*	+
285	941	+	*	+
270	891	+	*	+
255	842	+	*	+
240	792	+	*	+
225	743	+	*	+
210	693	+	*	+
195	644	+	*	+
180	594	+	*	+
165	545	+	*	+
150	495	+	*	+
135	446	+	*	+
120	396	+	*	+
105	347	+	*	+
90	297	+	*	+
75	248	+	*	+
60	198	+	*	+
45	149	+	*	+
30	99	+	*	+
15	50	+	*	+



+++ THEODOLITE REPORT +++

NAME: JUN.TRI #5 FILE: 4  
 LOC: ANTLER & PERTH  
 MET: CLEAR, VERY HOT & HUMID, WINDS LIGHT & SW  
 TIME: 07:21:16:47:07 TEMP: 35.69  
 B/L: 60 M, 235 DEG ELEV: 100

TIME SEC	HEIGHT M	-WIND DIRECTION- N . E . S . W . N	-WIND SPEED-KM/HR- 0 30 20	---TEMPERATURE---DEG-C--- 35
645	2129	102.2	27.1	25.7
630	2079	102.4	27.1	23.6
615	2030	102.2	27.1	24.1
600	1980	102.1	27.1	26.5
585	1931	102.0	27.1	24.6
570	1881	102.1	27.1	24.5
555	1832	102.1	27.1	29.2
540	1782	102.1	27.1	29.0
525	1733	102.1	27.1	29.0
510	1683	102.1	27.1	28.5
495	1634	102.1	27.1	28.5
480	1584	102.0	27.1	30.3
465	1535	102.1	27.1	25.6
450	1485	102.1	27.1	24.4
435	1436	102.1	27.1	25.3
420	1386	102.2	27.1	25.1
405	1337	102.0	27.1	25.5
390	1287	102.1	27.1	23.8
375	1238	102.1	27.1	25.6
360	1188	102.1	27.1	25.6
345	1139	102.2	27.1	25.0
330	1089	102.1	27.1	26.9
315	1040	102.0	27.1	26.9
300	990	102.0	27.1	27.2
285	941	102.1	27.1	26.9
270	891	102.1	27.1	27.5
255	842	102.1	27.1	27.7
240	792	102.1	27.1	26.3
225	743	102.2	27.1	28.4
210	693	102.1	27.1	28.5
195	644	102.0	27.1	28.8
180	594	102.1	27.1	29.7
165	545	102.1	27.1	30.2
150	495	102.1	27.1	30.7
135	446	102.1	27.1	31.1
120	396	102.1	27.1	31.3
105	347	102.1	27.1	32.0
90	297	102.1	27.1	32.4
75	248	111.4	27.1	32.6
60	198	52.7	27.1	33.1
45	149	52.7	27.1	33.4
30	99	97.8	20.9	33.8
15	50	116.9	15.2	34.5

+++ THEODOLITE REPORT +++

NAME: JUN.TRI #6 FILE: 5  
 LOC: ANTLER & PERTH STS.  
 MET: CU, ALTOCU, SOME LIGHT PRECIP, NO WIND  
 TIME: 07:22:19:41:01 TEMP: 26.72  
 B/L: 45 M, 245 DEG ELEV: 100

TIME SEC	HEIGHT M	-WIND DIRECTION-					-WIND SPEED-KM/HR-		---TEMPERATURE---DEG-C---		
		N	E	S	W	N	0	40	10	30	
1020	3366			+				*		+	
990	3267			+				*		+	
960	3168			+				*		+	
930	3069			+				*		+	
900	2970			+				*		+	
870	2871			+				*		+	
840	2772			+				*		+	
810	2673			+				*		+	
780	2574			+				*		+	
750	2475			+				*		+	
720	2376			+				*		+	
690	2277			+				*		+	
660	2178			+				*		+	
630	2079			+				*		+	
600	1980			+				*		+	
570	1881			+				*		+	
540	1782			+				*		+	
510	1683			+				*		+	
480	1584			+				*		+	
450	1485			+				*		+	
420	1386			+				*		+	
390	1287			+				*		+	
360	1188			+				*		+	
330	1089			+				*		+	
300	990			+				*		+	
270	891			+				*		+	
240	792			+				*		+	
210	693			+				*		+	
180	594			+				*		+	
150	495			+				*		+	
120	396			+				*		+	
90	297			+				*		+	
60	198			+				*		+	
30	99			+				*		+	

+++ THEODOLITE REPORT +++

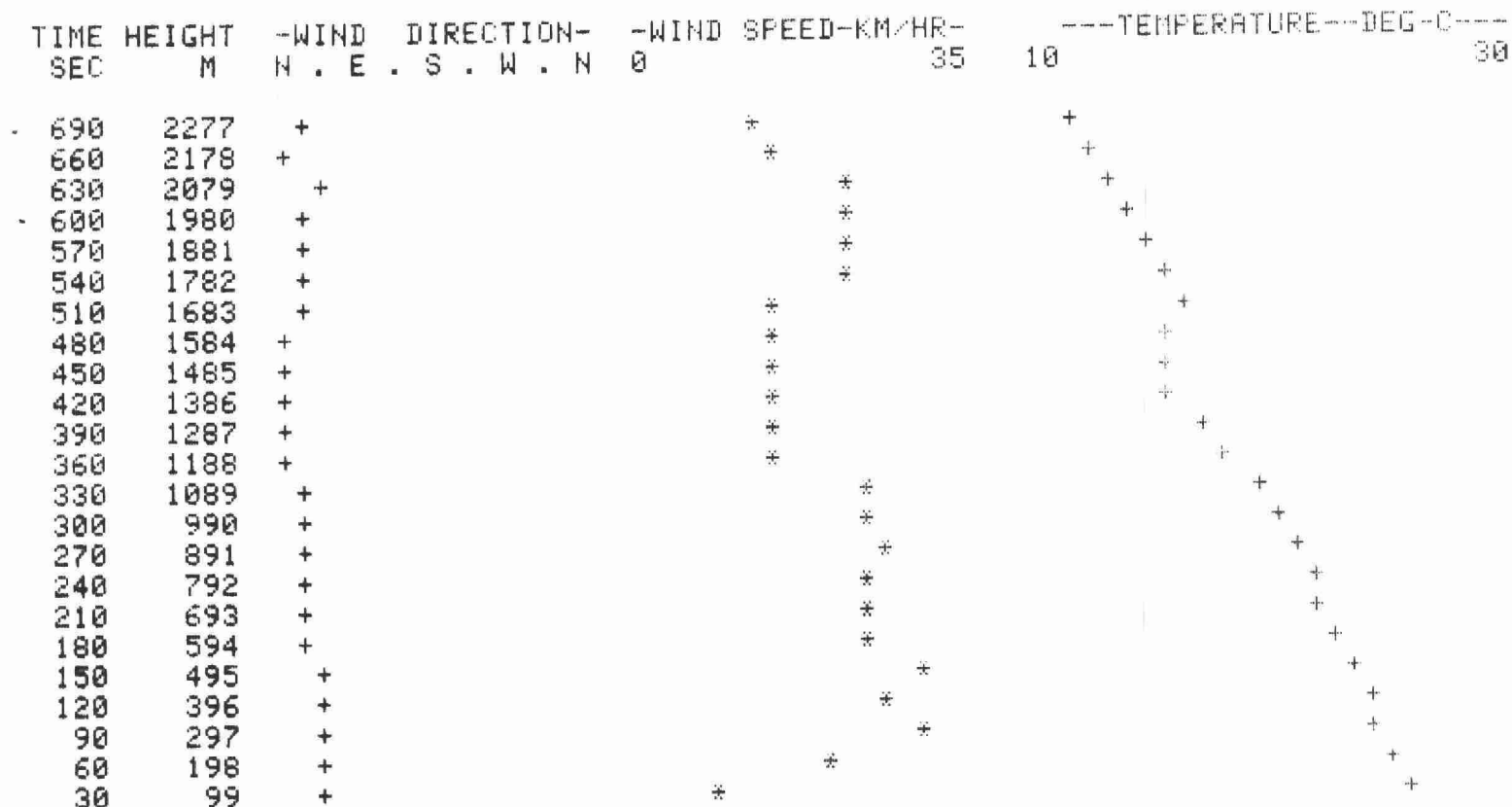
NAME: JUN.TRI #6 FILE: 5  
 LOC: ANTLER & PERTH STS.  
 MET: CU, ALTOCU, SOME LIGHT PRECIP, NO WIND  
 TIME: 07:22:19:41:01 TEMP: 26.72  
 B/L: 45 M, 245 DEG ELEV: 100

TIME SEC	HEIGHT M	-WIND DIRECTION- N . E . S . W . N	-WIND SPEED-KM/HR- 0 40 10	---TEMPERATURE---DEG-C--- 30
1020	3366	101.3	40.7	11.1
990	3267	112.7	27.8	11.6
960	3168	112.6	14.8	12.3
930	3069	119.7	14.8	12.7
900	2970	108.8	22.9	12.9
870	2871	119.2	11.9	13.3
840	2772	125.2	8.6	13.9
810	2673	132.4	17.9	15.9
780	2574	109.5	13.8	15.3
750	2475	112.7	25.7	15.8
720	2376	114.1	13.4	16.3
690	2277	104.8	12.1	16.8
660	2178	108.5	14.4	17.1
630	2079	119.5	18.1	17.9
600	1980	127.0	24.6	19.0
570	1881	70.1	21.6	18.8
540	1782	121.1	21.6	19.3
510	1683	108.8	11.0	19.8
480	1584	99.1	15.9	20.5
450	1485	97.1	14.3	21.3
420	1386	94.7	12.9	21.9
390	1287	74.1	13.6	22.3
360	1188	70.7	13.7	22.5
330	1089	65.3	16.4	22.5
300	990	57.5	18.9	22.4
270	891	53.4	13.8	22.9
240	792	51.6	18.0	23.4
210	693	53.6	13.7	23.9
180	594	52.5	10.8	24.7
150	495	46.5	14.6	25.0
120	396	42.6	18.7	25.5
90	297	48.0	13.9	25.7
60	198	58.6	5.5	25.5
30	99	52.5	0.0	25.0

+++ THEODOLITE REPORT +++

NAME: JUN. TRI. #7  
 LOC: ANTLER & PERTH STS.  
 MET: CLEAR  
 TIME: 07:23:17:28:42  
 B/L: 60 M, 60 DEG

FILE: 6  
 TEMP: 28.22  
 ELEV: 100



+++ THEODOLITE REPORT +++

NAME: JUN. TRI. #7  
 LOC: ANTLER & PERTH STS.  
 MET: CLEAR  
 TIME: 07:23:17:28:42  
 B/L: 60 M, 60 DEG

FILE: 6  
 TEMP: 28.22  
 ELEV: 100

TIME SEC	HEIGHT M	-WIND DIRECTION- N . E . S . W . N	-WIND SPEED-KM/HR- 0 35 10	---TEMPERATURE---DEG-C---
690	2277	23.2	13.9	11.9
660	2178	6.8	16.2	12.7
630	2079	34.1	25.0	13.4
600	1980	22.8	24.3	14.0
570	1881	22.8	24.1	15.1
540	1782	22.1	24.6	15.9
510	1683	12.0	14.8	16.5
480	1584	7.4	14.6	16.2
450	1485	9.9	14.8	15.6
420	1386	10.6	14.8	16.1
390	1287	10.6	15.2	17.2
360	1188	4.0	16.0	18.4
330	1089	18.9	27.2	19.6
300	990	18.9	27.2	20.6
270	891	18.3	28.1	21.4
240	792	22.0	26.9	22.1
210	693	29.4	26.7	22.8
180	594	32.8	27.3	23.2
150	495	40.5	32.4	23.9
120	396	36.2	29.5	24.6
90	297	42.0	32.2	25.3
60	198	45.6	21.2	26.0
30	99	46.9	7.8	26.9

+++ THEODOLITE REPORT +++

NAME: JUN.TRI #8 FILE: 7  
 LOC: ANTLER & CAMPBELL AVE - PARK  
 MET: CLEAR, BEAUTIFUL DAY, WINDS 345/8  
 TIME: 07:24:10:39:14 TEMP: 30.28  
 B/L: 50 M, 40 DEG ELEV: 100

TIME SEC	HEIGHT M	-WIND DIRECTION- N . E . S . W . N	-WIND SPEED-KM/HR- 0 15 10	---TEMPERATURE---DEG-C---
690	2277	349.6	13.5	10.8
660	2178	349.6	12.9	10.8
630	2079	349.6	11.4	10.8
600	1980	349.0	10.4	10.8
570	1881	354.1	11.2	10.8
540	1782	353.2	9.9	13.9
510	1683	344.3	11.6	13.9
480	1584	348.1	11.7	13.9
450	1485	341.3	13.2	13.9
420	1386	344.3	11.5	14.7
390	1287	346.4	10.2	16.6
360	1188	344.2	8.9	16.6
330	1089	338.1	9.1	17.0
300	990	331.4	8.8	18.2
270	891	330.0	9.3	18.2
240	792	326.7	7.6	21.9
210	693	340.8	5.0	21.9
180	594	340.9	2.1	20.0
150	495	354.2	0.0	20.0
120	396	287.8	0.0	20.0
90	297	287.8	0.0	20.0
60	198	315.3	0.0	20.1
30	99	286.3	3.8	26.2

+++ THEODOLITE REPORT +++

NAME: JUN. TRI. #9 FILE: 9  
 LOC: CAMPBELL PARK  
 MET: CLEAR, LITTLE WINDS , SW COMPONENT  
 TIME: 07:25:10:19:54 TEMP: 26.45  
 B/L: 30 M, 300 DEG ELEV: 100

TIME SEC	HEIGHT M	-WIND DIRECTION- N . E . S . W . N	-WIND SPEED-KM/HR- 0 40	---TEMPERATURE---DEG-C--- 5 30
750	2475	+	*	+
720	2376	+	*	+
690	2277	+	*	+
660	2178	+	*	+
630	2079	+	*	+
600	1980	+	*	+
570	1881	+	*	+
540	1782	+	*	+
510	1683	+	*	+
480	1584	+	*	+
450	1485	+	*	+
420	1386	+	*	+
390	1287	+	*	+
360	1188	+	*	+
330	1089	+	*	+
300	990	+	*	+
270	891	+	*	+
240	792	+	*	+
210	693	+	*	+
180	594	+	*	+
150	495	+	*	+
120	396	+	*	+
90	297	+	*	+
60	198	+	*	+
30	99	+	*	+

+++ THEODOLITE REPORT +++

NAME: JUN. TRI. #9 FILE: 9  
 LOC: CAMPBELL PARK  
 MET: CLEAR, LITTLE WINDS , SW COMPONENT  
 TIME: 07:25:10:19:54 TEMP: 26.45  
 B/L: 30 M, 300 DEG ELEV: 100

TIME SEC	HEIGHT M	-WIND DIRECTION- N . E . S . W . N	-WIND SPEED-KM/HR- 0 40	---TEMPERATURE---DEG-C--- 5 30
750	2475	269.5	26.8	9.8
720	2376	281.6	26.6	9.9
690	2277	269.0	25.6	9.9
660	2178	279.7	27.7	9.4
630	2079	288.8	28.1	9.2
600	1980	277.3	26.7	11.8
570	1881	276.3	26.8	13.5
540	1782	273.5	26.1	14.0
510	1683	283.7	28.0	17.7
480	1584	272.6	26.8	16.9
450	1485	269.5	38.0	16.8
420	1386	268.6	36.6	18.0
390	1287	263.1	36.5	17.9
360	1188	267.8	30.1	18.5
330	1089	262.6	37.9	19.1
300	990	262.5	33.1	19.9
270	891	262.6	34.5	20.6
240	792	260.7	36.8	21.4
210	693	266.6	28.7	22.1
180	594	268.0	29.6	22.7
150	495	268.6	23.7	22.9
120	396	272.8	16.6	23.8
90	297	265.0	10.8	23.9
60	198	218.1	3.4	23.2
30	99	183.9	1.7	24.3



+++ THEODOLITE REPORT +++

NAME: JUN TRI #10  
 LOC: CAMPBELL ST PARK  
 MET: CLEAR  
 TIME: 07:24:18:12:12  
 B/L: 70 M, 240 DEG

FILE: 10  
 TEMP: 32.39  
 ELEV: 100

TIME SEC	HEIGHT M	-WIND DIRECTION- N . E . S . W . N	-WIND SPEED-KM/HR- 0 30 15	---TEMPERATURE---DEG-C--- 15 35
645	2129	+	*	+
630	2079	+	*	+
615	2030	+	*	+
600	1980	+	*	+
585	1931	+	*	+
570	1881	+	*	+
555	1832	+	*	+
540	1782	+	*	+
525	1733	+	*	+
510	1683	+	*	+
495	1634	+	*	+
480	1584	+	*	+
465	1535	+	*	+
450	1485	+	*	+
435	1436	+	*	+
420	1386	+	*	+
405	1337	+	*	+
390	1287	+	*	+
375	1238	+	*	+
360	1188	+	*	+
345	1139	+	*	+
330	1089	+	*	+
315	1040	+	*	+
300	990	+	*	+
285	941	+	*	+
270	891	+	*	+
255	842	+	*	+
240	792	+	*	+
225	743	+	*	+
210	693	+	*	+
195	644	+	*	+
180	594	+	*	+
165	545	+	*	+
150	495	+	*	+
135	446	+	*	+
120	396	+	*	+
105	347	+	*	+
90	297	+	*	+
75	248	+	*	+
60	198	+	*	+
45	149	+	*	+
30	99	+	*	+
15	50	+	*	+

## +++ THEODOLITE REPORT +++

NAME: JUN TRI #10  
 LOC: CAMPBELL ST PARK  
 MET: CLEAR  
 TIME: 07:24:18:12:12  
 B/L: 70 M, 240 DEG

FILE: 10  
 TEMP: 32.39  
 ELEV: 100

TIME SEC	HEIGHT M	-WIND DIRECTION- N . E . S . W . N	-WIND SPEED-KM/HR- 0	---TEMPERATURE---DEG-C--- 15	35
645	2129	237.1	20.6	19.3	
630	2079	236.8	19.2	19.7	
615	2030	277.3	10.0	20.1	
600	1980	233.1	19.4	20.5	
585	1931	230.3	19.9	20.9	
570	1881	228.5	19.5	21.2	
555	1832	272.3	15.9	21.5	
540	1782	224.9	19.8	22.0	
525	1733	260.3	23.9	22.4	
510	1683	231.7	23.9	22.7	
495	1634	218.7	19.8	23.1	
480	1584	259.2	14.4	23.5	
465	1535	211.6	21.0	23.9	
450	1485	224.0	23.0	24.2	
435	1436	210.4	18.9	24.7	
420	1386	217.4	7.3	24.8	
405	1337	236.0	7.3	25.1	
390	1287	215.2	21.1	25.4	
375	1238	230.3	13.6	25.8	
360	1188	232.0	12.4	26.1	
345	1139	212.9	25.5	26.5	
330	1089	209.8	24.7	26.8	
315	1040	205.3	24.7	27.1	
300	990	212.7	12.4	27.3	
285	941	208.1	12.9	27.6	
270	891	196.4	24.3	27.8	
255	842	178.9	20.2	28.1	
240	792	194.9	13.4	28.4	
225	743	180.8	22.1	28.7	
210	693	171.5	20.6	29.0	
195	644	163.0	20.1	29.2	
180	594	169.4	28.0	29.5	
165	545	165.1	19.4	29.7	
150	495	157.4	25.1	29.9	
135	446	153.0	23.2	30.1	
120	396	153.0	21.4	29.2	
105	347	146.1	24.8	28.8	
90	297	147.0	17.6	27.7	
75	248	150.8	19.7	26.5	
60	198	149.1	14.2	31.2	
45	149	151.6	17.3	29.4	
30	99	150.0	17.2	31.7	
15	50	133.6	12.8	31.8	

+++ THEODOLITE REPORT +++

NAME: JUN. TRI. #11 FILE: 11  
 LOC: WEST SIDE CAMPBELL PARK  
 MET: CLEAR, HAZY, FRONTAL PASSAGE LAST NIGHT  
 TIME: 07:29:11:07:50 TEMP: 26.65  
 B/L: 60 M, 265 DEG ELEV: 100

TIME SEC	HEIGHT M	-WIND DIRECTION- N . E . S . W . N	-WIND SPEED-KM/HR- 0 10 10 50	---TEMPERATURE---DEG-C---
750	2475	+	*	+
720	2376	+	*	+
690	2277	+	*	+
660	2178	+	*	+
630	2079	+	*	+
600	1980	+	*	+
570	1881	+	*	+
540	1782	+	*	+
510	1683	+	*	+
480	1584	+	*	+
450	1485	+	*	+
420	1386	+	*	+
390	1287	+	*	+
360	1188	+	*	+
330	1089	+	*	+
300	990	+	*	+
270	891	+	*	+
240	792	+	*	+
210	693	+	*	+
180	594	+	*	+
150	495	+	*	+
120	396	+	*	+
90	297	+	*	+
60	198	+	*	+
30	99	+	*	+

+++ THEODOLITE REPORT +++

NAME: JUN. TRI. #11 FILE: 11  
 LOC: WEST SIDE CAMPBELL PARK  
 MET: CLEAR, HAZY, FRONTAL PASSAGE LAST NIGHT  
 TIME: 07:29:11:07:50 TEMP: 26.65  
 B/L: 60 M, 265 DEG ELEV: 100

TIME SEC	HEIGHT M	-WIND DIRECTION- N . E . S . W . N	-WIND SPEED-KM/HR- 0 10 10 30	---TEMPERATURE---DEG-C---
750	2475	299.1	1.8	13.4
720	2376	299.3	1.8	13.3
690	2277	299.2	1.8	13.7
660	2178	299.2	1.8	14.3
630	2079	299.2	1.8	16.8
600	1980	299.4	1.8	15.6
570	1881	299.2	1.8	15.9
540	1782	299.2	1.8	17.0
510	1683	299.2	1.8	17.6
480	1584	299.3	1.8	18.4
450	1485	299.2	1.8	18.6
420	1386	299.2	1.8	19.1
390	1287	299.3	2.0	19.2
360	1188	321.6	8.0	19.8
330	1089	301.0	1.0	20.4
300	990	357.9	0.0	20.6
270	891	321.6	8.7	20.7
240	792	327.7	4.7	20.2
210	693	341.5	9.4	20.9
180	594	328.8	6.6	21.4
150	495	317.2	4.2	22.0
120	396	288.5	2.4	25.2
90	297	234.4	4.9	23.1
60	198	205.5	6.0	23.0
30	99	203.6	6.6	23.6

+++ THEODOLITE REPORT +++

NAME: JUN. TRI. #12 FILE: 12  
 LOC: CAMPBELL PK  
 MET: CLEAR, BEAUTIFUL, LIGHT N WINDS, SUNNY  
 TIME: 07:30:10:46:04 TEMP: 30.3  
 B/L: 40 M, 90 DEG ELEV: 100

TIME SEC	HEIGHT M	-WIND DIRECTION- N . E . S . W . N	-WIND SPEED-KM/HR- 0 40 100	---TEMPERATURE---DEG-C---
690	2277	+	*	+
660	2178	+	*	+
630	2079	+	*	+
600	1980	+	*	+
570	1881	+	*	+
540	1782	+	*	+
510	1683	+	*	+
480	1584	+	*	+
450	1485	+	*	+
420	1386	+	*	+
390	1287	+	*	+
360	1188	+	*	+
330	1089	+	*	+
300	990	+	*	+
270	891	+	*	+
240	792	+	*	+
210	693	+	*	+
180	594	+	*	+
150	495	+	*	+
120	396	+	*	+
90	297	+	*	+
60	198	+	*	+
30	99	+	*	+

+++ THEODOLITE REPORT +++

NAME: JUN. TRI. #12 FILE: 12  
 LOC: CAMPBELL PK  
 MET: CLEAR, BEAUTIFUL, LIGHT N WINDS, SUNNY  
 TIME: 07:30:10:46:04 TEMP: 30.3  
 B/L: 40 M, 90 DEG ELEV: 100

TIME SEC	HEIGHT M	-WIND N . E . S . W . N	DIRECTION- 0	-WIND SPEED-KM/HR- 40 10	---TEMPERATURE---DEG-C--- 30
690	2277		306.2	36.6	13.2
660	2178		304.6	26.4	13.4
630	2079		308.3	38.3	13.8
600	1980		309.0	36.3	14.7
570	1881		310.0	34.9	15.1
540	1782		303.9	31.0	15.7
510	1683		312.0	31.3	16.2
480	1584		312.4	28.1	16.6
450	1485		308.3	28.1	17.0
420	1386		315.7	32.0	17.7
390	1287		315.7	24.0	18.4
360	1188		317.4	28.9	18.9
330	1089		324.8	27.3	19.2
300	990		329.5	26.0	19.1
270	891		322.1	21.5	19.8
240	792		327.1	17.0	20.7
210	693		327.3	19.1	21.5
180	594		318.2	15.1	22.1
150	495		301.9	15.6	23.1
120	396		308.3	10.8	24.1
90	297		291.7	4.3	24.8
60	198		304.6	6.4	26.1
30	99		341.0	12.2	27.8

+++ THEODOLITE REPORT +++

NAME: JUN. TRI. #13  
 LOC: CAMBELL PARK  
 MET: MOSTLY SUNNY  
 TIME: 07:30:16:59:18  
 B/L: 70 M, 240 DEG

FILE: 13  
 TEMP: 29.6  
 ELEV: 100

TIME SEC	HEIGHT M	-WIND DIRECTION- N . E . S . W . N	-WIND SPEED-KM/HR- 0 50 100	---TEMPERATURE---DEG-C--- 30
600	1980	+	*	+
585	1931	+	*	+
570	1881	+	*	+
555	1832	+	*	+
540	1782	+	*	+
525	1733	+	*	+
510	1683	+	*	+
495	1634	+	*	+
480	1584	+	*	+
465	1535	+	*	+
450	1485	+	*	+
435	1436	+	*	+
420	1386	+	*	+
405	1337	+	*	+
390	1287	+	*	+
375	1238	+	*	+
360	1188	+	*	+
345	1139	+	*	+
330	1089	+	*	+
315	1040	+	*	+
300	990	+	*	+
285	941	+	*	+
270	891	+	*	+
255	842	+	*	+
240	792	+	*	+
225	743	+	*	+
210	693	+	*	+
195	644	+	*	+
180	594	+	*	+
165	545	+	*	+
150	495	+	*	+
135	446	+	*	+
120	396	+	*	+
105	347	+	*	+
90	297	+	*	+
75	248	+	*	+
60	198	+	*	+
45	149	+	*	+
30	99	+	*	+
15	50	+	*	+

+++ THEODOLITE REPORT +++

NAME: JUN. TRI. #13  
 LOC: CAMBELL PARK  
 MET: MOSTLY SUNNY  
 TIME: 07:30:16:59:18  
 B/L: 70 M, 240 DEG

FILE: 13  
 TEMP: 29.6  
 ELEV: 100

TIME SEC	HEIGHT M	-WIND N . E . S . W . N	DIRECTION- 0	-WIND SPEED-KM/HR- 50 10	---TEMPERATURE---DEG-C--- 30
600	1980		254.2	47.5	11.1
585	1931		243.9	47.5	11.4
570	1881		259.3	47.5	11.6
555	1832		258.9	47.5	12.0
540	1782		256.5	47.5	12.3
525	1733		244.9	47.5	11.8
510	1683		259.6	47.5	13.1
495	1634		259.8	47.5	13.6
480	1584		258.2	47.5	14.0
465	1535		242.5	47.5	14.6
450	1485		262.3	47.5	15.0
435	1436		260.2	47.5	15.4
420	1386		260.5	47.5	15.7
405	1337		260.2	47.5	16.2
390	1287		272.9	47.5	16.6
375	1238		260.2	47.5	17.1
360	1188		273.8	47.5	17.6
345	1139		269.3	47.5	17.9
330	1089		298.8	47.5	18.7
315	1040		285.6	47.5	19.5
300	990		267.2	47.5	20.0
285	941		268.8	47.5	20.4
270	891		264.0	33.5	21.0
255	842		265.2	40.2	21.5
240	792		298.1	40.2	22.1
225	743		321.4	40.2	22.7
210	693		286.8	40.2	23.4
195	644		300.2	40.2	23.8
180	594		260.4	40.2	24.4
165	545		252.9	40.2	25.1
150	495		252.9	40.2	25.8
135	446		252.9	40.2	26.4
120	396		252.9	40.2	26.9
105	347		246.9	44.3	27.2
90	297		246.7	44.3	27.2
75	248		247.1	44.3	27.3
60	198		253.8	44.3	27.7
45	149		251.4	30.5	28.0
30	99		244.9	30.5	28.4
15	50		231.1	18.8	28.6



+++ THEODOLITE REPORT +++

NAME: JUN. TRI. #14 FILE: 14  
 LOC: CAMPBELL PARK  
 MET: CLEAR, LOW LEVEL LIGHT S WINDS , UPPER NW  
 TIME: 07:31:11:23:04 TEMP: 27.77  
 B/L: 50 M, 275 DEG ELEV: 100

TIME SEC	HEIGHT M	-WIND DIRECTION- N . E . S . W . N	-WIND SPEED-KM/HR- 0 40 15	---TEMPERATURE---DEG-C--- 30
690	2277	+	*	+
660	2178	+	*	+
630	2079	+	*	+
600	1980	+	*	+
570	1881	+	*	+
540	1782	+	*	+
510	1683	+	*	+
480	1584	+	*	+
450	1485	+	*	+
420	1386	+	*	+
390	1287	+	*	+
360	1188	+	*	+
330	1089	+	*	+
300	990	+	*	+
270	891	+	*	+
240	792	+	*	+
210	693	+	*	+
180	594	+	*	+
150	495	+	*	+
120	396	+	*	+
90	297	+	*	+
60	198	+	*	+
30	99	+	*	+

+++ THEODOLITE REPORT +++

NAME: JUN. TRI. #14 FILE: 14  
 LOC: CAMPBELL PARK  
 MET: CLEAR, LOW LEVEL LIGHT S WINDS , UPPER NW  
 TIME: 07:31:11:23:04 TEMP: 27.77  
 B/L: 50 M, 275 DEG ELEV: 100

TIME SEC	HEIGHT M	-WIND DIRECTION- N . E . S . W . N	-WIND SPEED-KM/HR- 0 40 15 30	---TEMPERATURE---DEG-C---
690	2277	253.5	32.7	18.2
660	2178	251.0	30.1	18.8
630	2079	252.3	33.9	19.5
600	1980	253.8	36.8	20.2
570	1881	238.0	29.0	19.8
540	1782	242.7	22.7	19.6
510	1683	228.8	21.5	19.4
480	1584	213.2	27.3	19.4
450	1485	211.8	25.0	19.7
420	1386	217.7	23.3	19.7
390	1287	206.2	27.4	20.2
360	1188	200.5	19.7	20.7
330	1089	198.5	23.9	21.1
300	990	205.7	15.9	21.5
270	891	195.9	24.1	22.1
240	792	191.3	25.0	22.7
210	693	188.4	29.1	23.3
180	594	189.0	23.4	23.9
150	495	188.3	26.3	24.3
120	396	188.8	27.8	24.8
90	297	189.9	24.0	25.0
60	198	191.0	24.9	25.8
30	99	192.2	13.8	26.6

+++ THEODOLITE REPORT +++

NAME: JUN TRI #15  
 LOC: ANTLER & PERTH STS.  
 MET: CLEAR  
 TIME: 07:31:17:44:40  
 B/L: 60 M, 95 DEG

FILE: 15  
 TEMP: 29.57  
 ELEV: 100

TIME SEC	HEIGHT M	-WIND DIRECTION- N . E . S . W . N	-WIND SPEED-KM/HR- 0 50 20 35	---TEMPERATURE---DEG-C---
660	2178	+	*	+
645	2129	+	*	+
630	2079	+	*	+
615	2030	+	*	+
600	1980	+	*	+
585	1931	+	*	+
570	1881	+	*	+
555	1832	+	*	+
540	1782	+	*	+
525	1733	+	*	+
510	1683	+	*	+
495	1634	+	*	+
480	1584	+	*	+
465	1535	+	*	+
450	1485	+	*	+
435	1436	+	*	+
420	1386	+	*	+
405	1337	+	*	+
390	1287	+	*	+
375	1238	+	*	+
360	1188	+	*	+
345	1139	+	*	+
330	1089	+	*	+
315	1040	+	*	+
300	990	+	*	+
285	941	+	*	+
270	891	+	*	+
255	842	+	*	+
240	792	+	*	+
225	743	+	*	+
210	693	+	*	+
195	644	+	*	+
180	594	+	*	+
165	545	+	*	+
150	495	+	*	+
135	446	+	*	+
120	396	+	*	+
105	347	+	*	+
90	297	+	*	+
75	248	+	*	+
60	198	+	*	+
45	149	+	*	+
30	99	+	*	+
15	50	+	*	+

+++ THEODOLITE REPORT +++

NAME: JUN TRI #15  
 LOC: ANTLE & PERTH STS.  
 MET: CLEAR  
 TIME: 07:31:17:44:40  
 B/L: 60 M, 95 DEG

FILE: 15  
 TEMP: 29.57  
 ELEV: 100

TIME SEC	HEIGHT M	-WIND DIRECTION- N . E . S . W . N	-WIND SPEED-KM/HR- 0 50 20 35	---TEMPERATURE---DEG-C---
660	2178	253.7	46.7	35.7
645	2129	248.0	34.8	35.3
630	2079	243.4	30.0	35.1
615	2030	237.3	39.4	34.9
600	1980	243.5	39.6	35.2
585	1931	239.9	39.1	34.5
570	1881	232.9	42.8	29.2
555	1832	237.2	41.2	33.2
540	1782	235.4	37.0	32.9
525	1733	244.9	32.6	32.5
510	1683	225.2	45.0	33.5
495	1634	243.7	30.3	33.0
480	1584	237.7	29.7	31.7
465	1535	240.3	34.2	25.6
450	1485	255.8	27.9	28.9
435	1436	241.0	32.4	25.4
420	1386	244.9	26.0	25.7
405	1337	238.8	28.7	26.8
390	1287	246.1	24.3	28.7
375	1238	240.3	20.8	28.9
360	1188	231.7	17.6	30.4
345	1139	227.9	14.1	27.8
330	1089	226.1	7.2	25.0
315	1040	193.0	10.3	27.6
300	990	166.2	7.2	27.7
285	941	175.9	0.0	27.3
270	891	136.1	0.0	24.5
255	842	164.9	13.2	24.7
240	792	176.8	14.0	25.2
225	743	153.4	15.5	26.9
210	693	157.0	15.6	25.5
195	644	148.0	20.2	27.0
180	594	153.8	15.6	36.3
165	545	140.6	12.9	31.9
150	495	143.8	7.6	30.3
135	446	140.9	11.6	25.2
120	396	124.6	18.3	25.6
105	347	127.1	8.1	26.0
90	297	116.3	5.2	26.4
75	248	116.4	14.3	26.6
60	198	121.2	17.5	26.9
45	149	122.3	17.7	27.3
30	99	118.1	18.4	27.7
15	50	117.1	2.9	28.5

+++ THEODOLITE REPORT +++

NAME: JUN. TRI. #16 FILE: 17  
 LOC: CAMPBELL PARK  
 MET: ALTOSTRATUS, HOT, HUMID, HAZY, CALM  
 TIME: 08:01:11:01:21 TEMP: 29.79  
 B/L: 50 M, 285 DEG ELEV: 100

TIME SEC	HEIGHT M	-WIND DIRECTION- N . E . S . W . N	-WIND SPEED-KM/HR- 0 25 15	---TEMPERATURE---DEG-C--- 30
720	2376	+	*	+
690	2277	+	*	+
660	2178	+	*	+
630	2079	+	*	+
600	1980	+	*	+
570	1881	+	*	+
540	1782	+	*	+
510	1683	+	*	+
480	1584	+	*	+
450	1485	+	*	+
420	1386	+	*	+
390	1287	+	*	+
360	1188	+	*	+
330	1089	+	*	+
300	990	+	*	+
270	891	+	*	+
240	792	+	*	+
210	693	+	*	+
180	594	+	*	+
150	495	+	*	+
120	396	+	*	+
90	297	+	*	+
60	198	+	*	+
30	99	+	*	+

+++ THEODOLITE REPORT +++

NAME: JUN. TRI. #16 FILE: 17  
 LOC: CAMPBELL PARK  
 MET: ALTOSTRATUS, HOT, HUMID, HAZY, CALM  
 TIME: 08:01:11:01:21 TEMP: 29.79  
 B/L: 50 M, 285 DEG ELEV: 100

TIME SEC	HEIGHT M	-WIND DIRECTION- N . E . S . W . N	-WIND SPEED-KM/HR- 0 25 15	---TEMPERATURE---DEG-C--- 30
720	2376	320.9	15.8	16.9
690	2277	321.0	15.8	18.2
660	2178	320.8	15.9	18.2
630	2079	320.9	15.8	18.8
600	1980	320.9	15.8	21.4
570	1881	320.9	15.9	20.3
540	1782	320.8	15.8	20.2
510	1683	320.9	15.9	20.0
480	1584	320.9	15.8	20.3
450	1485	320.9	15.8	21.1
420	1386	320.9	15.8	21.5
390	1287	320.8	15.9	22.1
360	1188	309.3	16.1	22.8
330	1089	316.5	15.9	23.4
300	990	329.1	24.9	24.1
270	891	331.3	22.5	24.7
240	792	330.8	18.4	24.6
210	693	333.6	13.8	24.9
180	594	322.7	14.1	25.6
150	495	320.6	16.5	26.5
120	396	320.8	13.0	26.9
90	297	312.0	13.5	27.4
60	198	306.8	13.1	28.1
30	99	314.3	6.1	28.8

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